台灣永光化學工業股份有限公司

Everlight Chemical Industrial Corporation

EVERZOL

English Version

EVERLIGHT

Technical Service/Marketing Division

CONTENTS

PHILOSOPHY AND PRINCIPLES

The core values of Everlight are “Business by Integrity; Management by Caring.” Our missionstatement, business philosophy and principles are all derivatives of these values shared by allemployees.

Philosophy

We have adopted the merit of love from the Bible as the essence of our management. From this, we have generated our philosophy of management as “Pursuit of Progress and Innovation, Stimulation of Individual Potential and Contribution to Quality of Life.”

Pursuit of Progress and Innovation

We define progress and innovation as a challenge and need to achieve continuous improvement in the increasingly competitive markets. Therefore, we focus on building solid technical foundations for improving quality, manufacturing reliable high-tech products, and nurturing technical and commercial specialists. In addition, our management oversees and coordinates all operations including R&D, production, and marketing, and has led the company into a global business.

Stimulation of Individual Potentials

We believe the most valuable asset of every company is its human resource. Everlight values all its employees and cares for their growth by providing open and fair working environment and on-the-job training. Teamwork spirit and mutual support are facilitated to develop the full potential of each employee and the company.

Contribution of Quality of Life

We recognize that the value of a company lies in its contribution to the quality of life. Everlight has endeavoured in providing top quality products, such as color chemicals, specialty chemicals, pharmaceuticals, electronic chemicals and nano-materials, to the world community. Everlight has also been actively involved in charitable activities.

Principles

In order to pursue sustainable development while shareholders interest and human dignity are to be taken care of and respected, Everlight has set forth the following principles for our operations.

1. Business Ethics
2. Product Selection
3. Industrial Safety
4. Environmental Protection
5. Customers' Satisfaction
6. Respecting Employees
7. Technological Self-Sufficiency
8. Continuous Improvement
9. Solid Financial Structure
10. Stockholders' Interests
11. Fair Competition
12. Contribution to Society

Quality Policy

EVERLIGHT positions itself as a high-tech chemical manufacturer. Realizing that world-class quality and customers' satisfaction provide the foundation for sustainable development, we define Everlight Quality Policy as :

Customers Caring With Value Creation

And adopt the following strategies :

1. Listening to the Voice Of Customers and understanding their real needs.
2. Developing new products to increase customers' values.
3. Providing professional services to solve customers' problems.
4. Fact-based analysis and continuous process improvement.
5. Managing hazardous substances and producing "green products".

2006/10/13 Revised

Safety and Health Policy

EVERLIGHT positions itself as a high-tech chemical manufacturer. Realizing that industrial safety and health are one of the major concerns in business management and that this responsibility should be taken by all the employees, we define Everlight Safety and Health Policy as :

Revere the Life and Pursue Zero Incident

To actualize this commitment, we adopt the following strategies :

1. Establish OHSAS 18001 Safety and Health Management System.
2. Enhance employees' consciousness and skills of safety and training.
3. Promote employee-based initiatives, and integrate safety considerations into standard operation.
4. Continuous improvement of safety and health performance under the observation of supervisor.
5. Comply the safety and heath regulation and commit to the safety and health of all employees.

2004/3/26 Reviewed

Risk Management Policy

EVERLIGHT positions itself as a high-tech chemical manufacturer. In order to reduce business management risks and maintain competitiveness, we define Everlight Risk Management Policy as :

Establishing Risk Management Culture
Ensuring Business Sustainability

And adopt the following strategies :

1. Establishing risk management system.
2. Strengthening all employees' risk awareness by education and training.
3. Strengthening Corporate Governance.
4. Complying with international product safety regulations.
5. Commitment to our Environmental, Safety and Health Policies.

2004/3/26 Issuied

Environmental Policy

EVERLIGHT positions itself as a high-tech chemical manufacturer. realizing the limit of earth resources and the importance of "sustainable development". To take the responsibility of a global citizen and participate "the Green Campaign", we define Everlight Environmental policy as :

Conserve Earth Resources
Conform to Environmental Regulations

To actualize this commitment, we adopt the following strategies:

1. Establishing ISO 14001 Environmental Management System.
2. Enhancing employees' consciousness and skills of environmental protection through education and training.
3. Continuous improvement of the production processes and the utilization of all resources.
4. Reducing industrial wastes and practicing pollution prevention.
5. Developing environmental techniques and increasing the effectiveness of waste treatment facilities.

2004/3/26 Reviewed

EVERLIGHT

1. INTRODUCTION :

In recent years, the sales of natural cellulosic fiber has steady increased because of its excellent fiber properties in the textile industry. Consequently, the sales of reactive dyes for cellulosic fiber has also increased every year because of their brilliant shade, excellent wet fastness properties and wide range of application.

With increased demand, customer have also begun to require a higher grade of all-round fastness properties for cellulosic fibers and their blends. As a result, the Everlight Chemical Industrial Corporation research department has developed new reactive dyes with high fastness which can meet these requirement in the market. We have marketed these new reactive dyes as "Everzol dyes".

Everzol dyes are reactive dyes, vinyl sulfone and vinyl sulfone with mono-chlorotriazine based. Since the combination of these reactive dyes are stable to acid hydrolysis, the stability of the dyed substrate over time is excellent. Also, after the completion of dyeing, the substantivity of the hydrolyzed dyes is considerably low, which leads to excellent wash off properties for unfixed dyes.

Everzol dyes have wide range suitable of dyeing temperatures and are highly reproducible in exhaust dyeing. Also, improvement of alkali stability in continuous dyeing, cold-pad-batch dyeing, and printing, have led to highly reproducible dyeing can be obtained in both continuous dyeing and printing. In addition, Everzol dyes have excellent all-round wet fastness properties, that should, meet the needs of every customer.

2. GENERAL DYEING METHODS OF EVERZOL DYES :

(1) Pretreatment of substrate :

The quality of the pretreated substrate prior to dyeing will affect the result of the dyeing. Oil and sizing agents that remain on the surface of the substrate should be avoided because they can cause uneven dyeing. Residual chemicals from the pretreatment should be throughly removed to prevent substrate damage in the dyeing process. It is essential that pretreatments such as desizing, scouring, bleaching, mercerizing etc, be carried out as carefully as possible.

Pretreatment Recipe :

Substrate : Knitted fabric.

Method : One bath scouring & bleaching process.

*a. Wetting agent	:	0.5 g/l
b. Stabilizer	:	0.5 - 1 g/l
c. Hydrogen peroxide(50%)	:	4 - 8 g/l
d. Caustic soda flake	:	1 - 2 g/l
or		
Caustic soda flake		0.5 - 1 g/l
Soda ash		2 - 5 g/l
e. Bath lubricant		1 g/l

Treat for 40-60 minutes at 95°C

*Add the chemicals in sequence.

Substrate : Woven fabric.

Method : Two bath process.

(1)Desizing process :

a.Wetting agent	:	0.5 g/l
b.Desizing agent	:	2 - 3 g/l

Treat for 30 minutes at 95°C

(2)Scouring & bleaching process :

The same method as above. (Knitted fabric)

(2) Dissolving of dyes :

Everzol dyes are highly soluble in water. To completely dissolve in water pasted the Everzol dyes are with a small amount of warm water (40-50°C) with thorough stirring. Then hot water (80-90°C) to the paste and mix thoroughly.

When a particularly higher concentration of dye solution is required, it may be necessary to add a small amount of urea into the dye solution in order to improve the solubility of the dyestuffs.

(3) Dyeing methods :

Various kind of dyeing methods can be applied depending upon the type and form of substrate to be dyed, and the kind of dyeing machines. For example : In yarn dyeing, it is suitable to use the Package, Cheese or Hank dyeing machine. On the other hand, in piece dyeing, it is suitable to use Winch, Jet, Jigger or continuous dyeing machines.

(4) Salt and alkali requirement of Everzol dyes :

Dyestuff Depth of shade	Glauber's Salt or Common Salt (g/L)		Alkali			Fixation Time (min)
	Unmercerized Cotton	Mercerized Cotton Viscose rayon	Soda ash (g/l)	Soda ash + Caustic soda (g/l) (38°B'e ml/l)	Na_3PO_4 (g/l)	
Below 0.5%	20	10	10	5 + 0.5	6	30
0.5%~1.0%	30	20	15	5 + 0.5	6	45
1.0%~2.0%	40	30	20	5 + 1.0	8	60
2.0%~3.0%	50	40	20	5 + 1.0	8	60
3.0%~4.0%	60	50	20	5 + 1.0	8	60
4.0%~5.0%	70	60	20	5 + 1.0	10	60
5.0%~6.0%	80	70	20	5 + 2.0	10	60
Above 6.0%	80	70	20	5 + 2.0	10	90

Remark : (1) When dyeing with Everzol Turquoise Blue G and Blue R s/p, Blue BRF 150% and Blue LX, only Glauber's salt is recommended.

(2) Dyeing with Everzol Blue R s/p, the amount of Glauber's salt should not exceed 50 g/L.

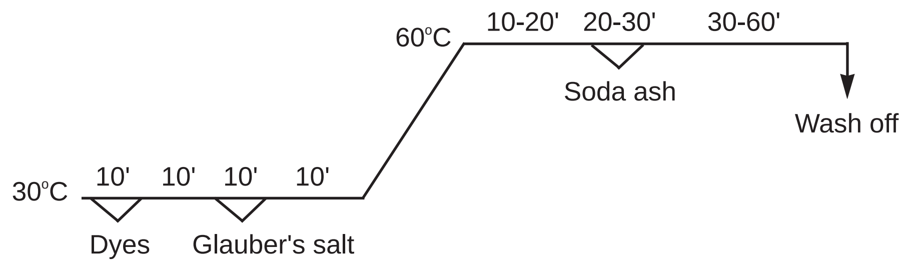
(3) Caustic soda conc. 38° B'e (liquid form)

(5) Wasing on winch or Jet dyeing machine :

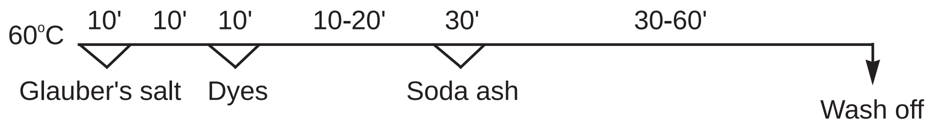
Bath	Temp.(°C)	Time(min)	Function
1	30-50	10-15	cold rinsing or over-flow rinsing
2	30-50	10-15	neutralizing
3	60-70	10-15	warm rinsing
4	80-98	10-15	hot rinsing
5	98	10-15	soaping
6	60-70	10-15	warm rinsing
7	30-50	10-15	cold rinsing

3. Exhaust dyeing :

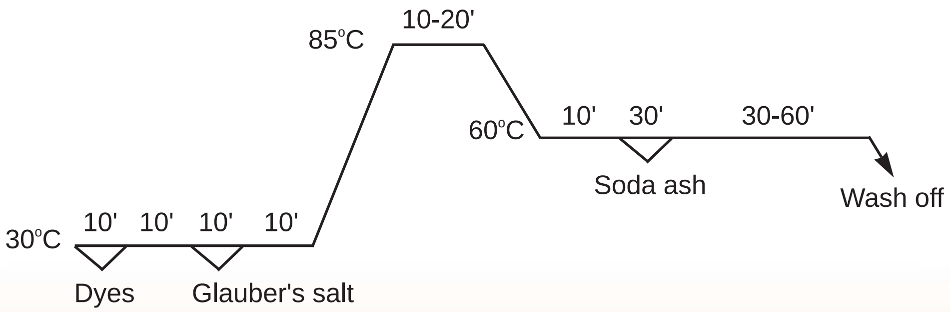
(1) General method : Temperature rise method :



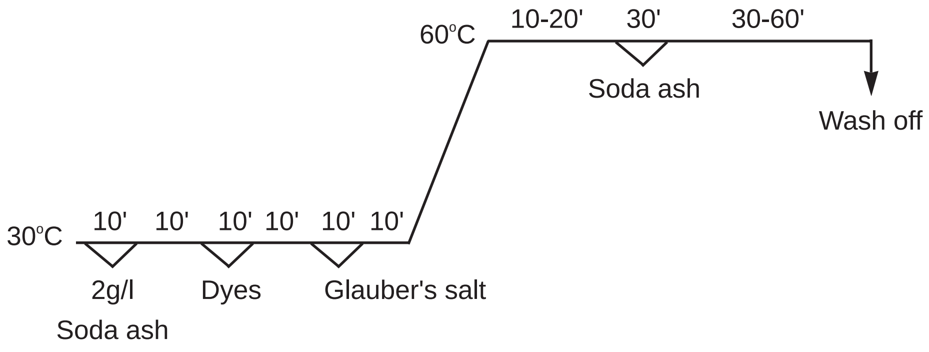
(2) Isothemol dyeing method :



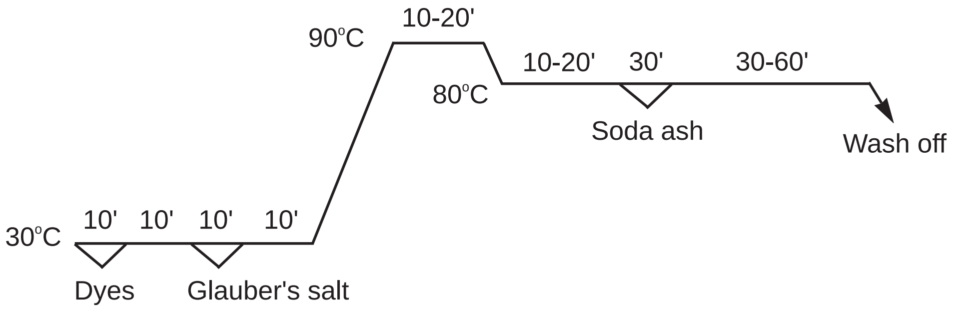
(3) Migration dyeing method :



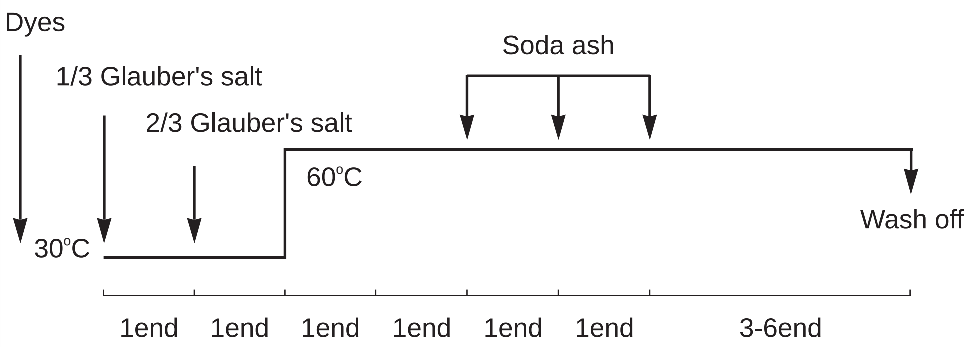
(4) Semi - All - In method :



(5) Everzol Turquoise Blue G method :

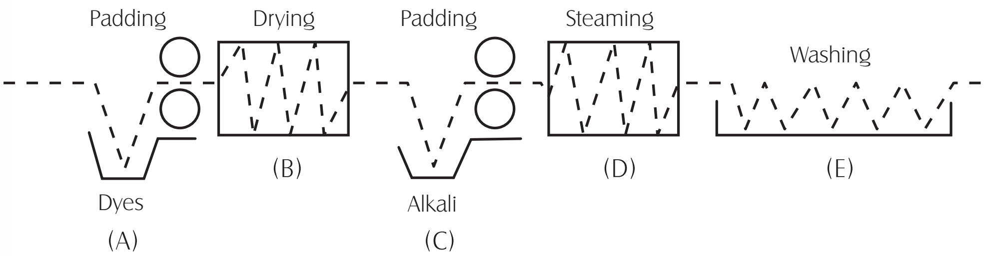


(6) Jigger method :



4. Continuous dyeing :

(1) TWO BATH PAD — DRY — PAD — STEAM PROCESS



(A) Padding :

Dyes	x g/l
Wetting Agent	0~2 g/l
Migration inhibitor	1 g/l
Reduction inhibitor	10 g/l

(B) Drying :

IR Pre-Dry	110°C-130°C

(C) Alkai padding :

Sodium silicate	45-48°B'e (70%)
or	
Glauber's salt	250 g/l
Caustic soda（38°B'e）	10-20 m/l
Soda ash	0-20 g/l
Reduction inhibitor	10 g/l

(D) Steaming :

100-102°C，30-45 sec

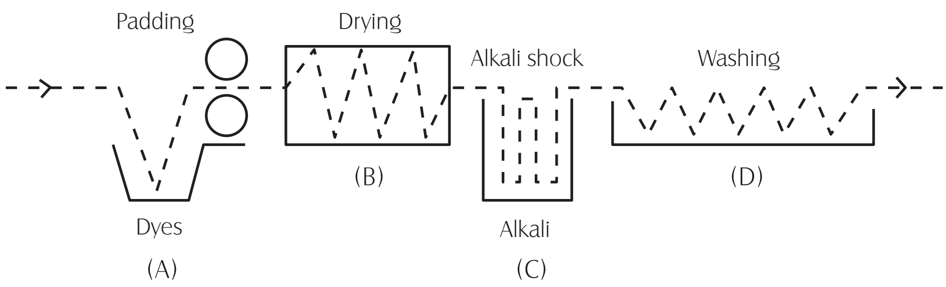
(E) Washing :

Continuous 9 boxes open width washer.

Remark : For Everzol Turquoise Blue G, Yellow 4GL, Yellow 3GL, Yellow ED-2G, Steaming time 70~80 sec. will be better.

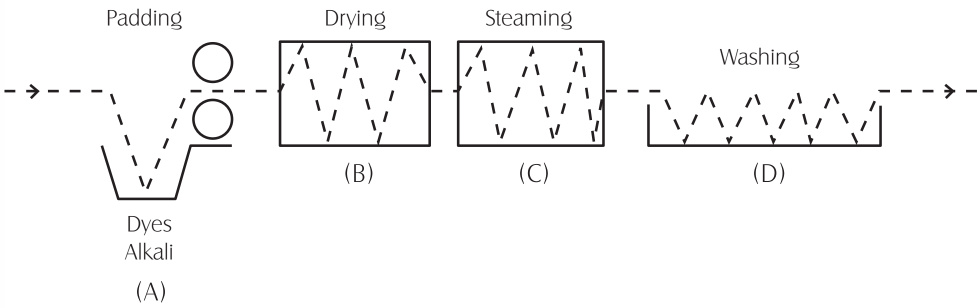
EVERLIGHT

(2) TWO BATH PAD — DRY — ALKALI SHOCK PROCESS



(A)	Padding :	
	Dyes	x g/l
	Wetting Agent	0 - 2 g/l
	Migration inhibitor	1 g/l
	Reduction inhibitor	10 g/l
(B)	Drying :	
	IR Pre-Dry	110°C-130°C
(C)	Alkali shock :	
	Sodium silicate	45-48°B'e
	or	
	Glauber's salt	250 g/l
	Caustic soda（38°B'e）	50 m/l
	Soda ash	0-50 g/l
	Temperature & Time :	95°C, 10-20 sec.
(D)	Washing :	
	Continuous 9 boxes open width washer.	

(3) ONE BATH PAD — DRY — STEAM PROCESS



(A) Padding :

Dyes	x g/l
Urea	0-200 g/l
Sodium bicarbonate	10-20 g/l
Reduction inhibitor	10 g/l
Migration inhibitor	1 g/l

(B) Drying :

IR Pre-Dry 110°C-130°C

(C) Steaming :

Normal steaming (in saturated steam)

: 100~102°C, 2~5 min.

H.T. Steaming (in super-heated steam)

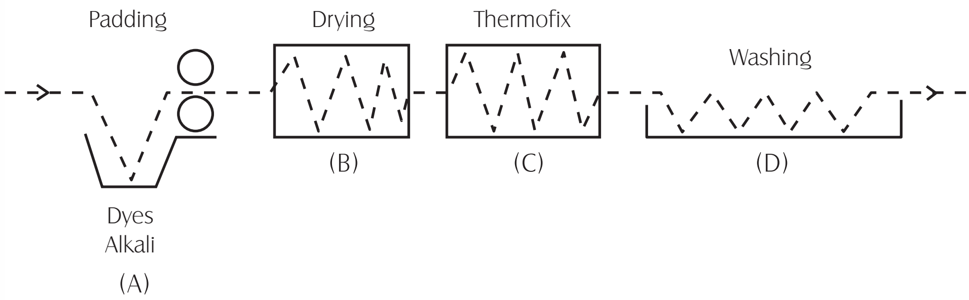
: 140~160°C, 1~2 min. or 120~130°C, 3~5 min.

(D) Washing :

Continuous 9 boxes open width washer.

EVERLIGHT

(4) ONE BATH PAD — DRY — THERMOFIX PROCESS



(A) Padding :

Dyes	x g/l
Urea	0-200 g/l
Wetting agent	0-2 g/l
Soda ash	10-20 g/l
Reduction inhibitor	10 g/l
Migration inhibitor	1 g/l

(B) Drying :

IR Pre-Dry 110°C-130°C

(C) Thermofix :

120°C, 4 - 6 min

140°C, 3 - 4 min

∵ **150°C, 3 min (standard)**

160°C, 2 - 3 min

180°C, 1 - 2 min

200°C, 0.5 - 1 min

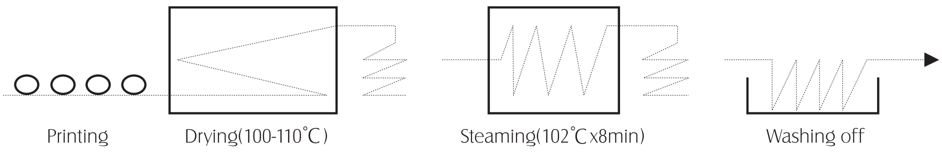
Urea will not be necessary when the thermofix temperature is highter than 160°C.

(D) Washing :

Continuous 9 boxes open width washer.

5. Printing :

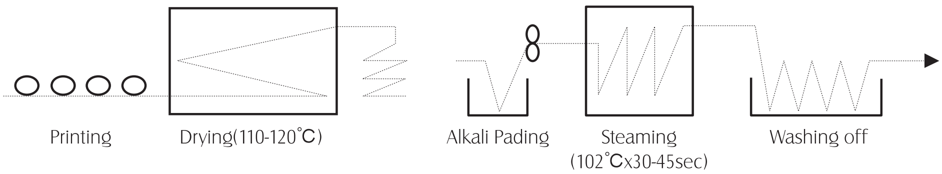
3-1 One-phase saturated steaming process



3-1-1 Printing paste

Everzol dyes	x	g
$NaHCO_3$	20	
Urea	100	
Reduction inhibitor	10	
Thickener	y	
Water	z	
	1000	g

3-2. Two-phase alkali pad-steaming process



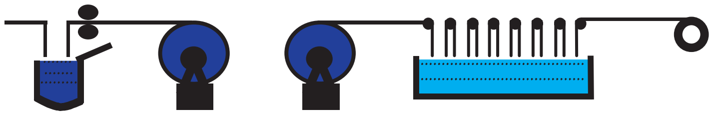
3-2-1 Printing paste

Everzol dyes	x	g
Reduction inhibitor	10	
Thickener	y	
Water	z	
	1000	g

3-2-2 Alkali bath composition

NaOH(38°B'e)	10-15 ml/l
Na_2CO_3	150 g/l
K_2CO_3	50 g/l
Na_2SO_4	150-200 g/l

6. COLD PAD － BATCH DYEING :



(1) Standard process：(with mixing pump)

In this method the dyeing bath turn over must very fast and there is no concern about atmospheric gases .

Composition of padding liquor :

Dye liquor：	Everzol dyes	x	g/l
Wetting agent		3-5	g/l
Urea		0-100	g/l
Alkali liquor：	Caustic soda (38°B'e/72Tw)	8＋x/5	ml/l
	Glauber's Salt	30	g/l

Temp：20-25°C

Pick-up：Cotton 60-80%, Rayon 80-100%

Batching Time：2-24 hours

(2) Sodium Silicate : (with mixing pump)

This method is the most common cold-pad-batch procedure because (1) it provides excellent bath stability and(2)it protects the selvages of the fabric from being neutralized by carbon dioxide or other industrial gases in the air, which could cause paler edges and/or folds.

Composition of padding liquor :

Dye liquor : Everzol dyes	x	g/l
Wetting agent	3-5	g/l
Urea	0-100	g/l

Sodium silicate method :

Sodium silicate (g/l)		Amounts of Everzol C & ED dyes used (g/l)					
		~20	30	40	50	60	70 ↑
		Amounts of caustic soda 32.5% required (cc/l)					
37~40 °B'e	130	23.5	28.5	28.5	33.5	33.5	38.5
40~42 °B'e	110	23.5	28.5	28.5	33.5	33.5	38.5
48~50 °B'e	100	15	20	20	25	25	30
58~60 °B'e	90	6	11	11	16	16	21

Modified alkali method :

Sodium silicate (g/l)		Amounts of Everzol C & ED dyes used (g/l)					
		~10	20	30	40	50	60 ↑
		Amounts of caustic soda 32.5% required (cc/l)					
37~40 °B'e	65	7	12	12	17	17	22
40~42 °B'e	55	7	12	12	17	17	22
48~50 °B'e	50	5	10	10	15	15	20
58~60 °B'e	45	3	7	7	11	11	16

Temp：20-25°C

Pick-up：Cotton 60-80%, Rayon 80-100%

Batching Time：2-12 hours

* In addition to being an alkali, sodium silicate is also an electrolyte. In light shades, it maybe necessary to reduce the amount of sodium silicate to prevent tailing.
* The solutions of dye and alkali are mixed just before padding at the ratio 4 : 1 by volume. (With mixing pump)
* For very large yardages involving a long treatment time, it is advisable to extend the batching time beyond the stated minimum fixation time to about 12 hours or overnight.
* A trough with low liquor capacity coupled with high fabric speed are recommended to promote rapid liquor turnover.

EVERLIGHT

7. Everzol dye selection :

1. Levelling trichromate for very pale shade

Everzol Yellow LX	Everzol Red LX
Everzol Blue LX	Everzol Red LF-B
Supplementary : Everzol Navy LX	

2-1. Excellent lightfastness trichromate for pale shade

Everzol Yellow LX	Everzol Red LF-2B
Everzol Blue LX	Everzol Red LF-B
or	
Everzol Yellow C-GL	Everzol Red C-3B
Everzol Blue BB	
Supplementary : Everzol Black C-RL	

2-2. Excellent perspiration lightfastness trichromate for pale shade

Everzol Yellow LX	Everzol Red LF-2B
Everzol Blue LX	Everzol Red LF-B
Everzol Dark Blue LF	

3. Trichromate for pale to medium shade

Everzol Yellow 3RS	Everzol Red 3BS
Everzol Blue BRF 150%	Everzol Blue BB
Everzol Navy LX	

4. Trichromate for medium to heavy shade

Everzol Yellow 3RS	Everzol Yellow GR
Everzol Red BB	Everzol Red 3BS
Everzol Red BS	Everzol Navy Blue FBN
Everzol Navy LX	Everzol Navy ED
Everzol Black B	

5. Trichromate for very deep shade

Everzol Yellow ED	Everzol Orange ED
Everzol Red ED	Everzol Red ED-3B
Everzol Red ED-7B	Everzol Navy ED
Supplementary : Everzol Yellow ED-S	Everzol Red ED-S

6. Deep critical shade (Brown, Olive)

Everzol Yellow ED	Everzol Red ED
Everzol Red ED-3B	Everzol Navy LX

7. jade green shade

Everzol Yellow 3GL	Everzol Yellow 4GL
Everzol Blue R s/p	Everzol Yellow ED-2G
Everzol Blue ED-G	Everzol Turq. Blue G

8. Burgundy shade

Everzol Yellow ED	Everzol Red ED
Everzol Red ED-3B	Everzol Red ED-7B
Everzol Blue ED	Everzol Navy LX
Supplementary : Everzol Yellow 3RS	Everzol Red 3BS
Everzol Red BS	Everzol Navy Blue FBN

9. Dischargeable deep shade

Everzol Yellow ED-S	Everzol Orange ED
Everzol Red ED-S	Everzol Navy ED
Everzol Navy Blue RGB H/C	
Supplementary :	
Everzol Red BB	Everzol Red F3B
Everzol Navy Blue GG	Everzol Black GSP
Everzol Black ED	Everzol Black ED-G
Everzol Black ED-R	

10. Scarlet red shade

Everzol Yellow ED	Everzol Orange ED-2R
Everzol Red ED	Everzol Red ED-2B
Everzol Red ED-3B	Everzol Red ED-7B
Supplementary :	
Everzol Yellow 3RS	Everzol Red 3BS
Everzol Red BS	Everzol Scarlet 3GF
Everzol Red F2B	

11. Violet shade

Everzol Blue R s/p	Everzol Red 3BS
Everzol Blue ED-G	Everzol Rubine ED

12. Royal blue shade

Everzol Blue R s/p	Everzol Blue ED-G

13. Marine blue shade

Everzol Yellow 3RS	Everzol Red 3BS
Everzol Blue BRF 150%	Everzol Blue BB

14. Black shade

Everzol Black ED　　Everzol Black ED-2R

Everzol Black LNS (Low nylon cross dyeing for Nylon/Cotton blends dyeing)

Everzol Black ED-G (Low Lycra staining for Cotton/Lycra blends dyeing)

Everzol Black ED-R

Supplementary :

Everzol Black N	Everzol NR
Everzol Black GR	Everzol Black GRN
Everzol Black GSP	Everzol Black MW (Excellent UK-TO fastness)

EVERLIGHT

8. Making adds :

After dyeing for a predetermined period of time, a part of the dyeing substrate is sampled and dried to confirm whether or not the desired shade has been obtained. If a dyes addition is necessary, there are two kinds of adding method; as described below :

METHOD 1 :

When it is a slight difference in shade, and an add is necessary :

* Cool the dye-bath to 40°C.
* Add the well-diluted pre-dissolved dyes.
* Dye for 10 minutes at 40°C.
* Raise the temperature to 60°C.
* Dye for 30 minutes at 60°C.
* Check shade。

METHOD 2 :

When it is necessary to correct the shade to a large extent, the corrective addition is carried out by the following procedure :

* Drop one-third or half of the dye-bath and refill with cold water, to lower the temperature and the electrolyte concentration and thereby slow the strike rate of the dyes addition.
* Add the well-diluted pre-dissolved dyes.
* Dye for 10 minutes.
* Raise the temperature to 60°C.
* Dye for 30 minutes at 60°C.
* Check shade.

In either case, it is not neccessary to add any Glauber's salt or alkali into the dye-bath.

EVERLIGHT

9. Test methods used to determine properties :

(1) Exhaustion and fixation curves :

The exhaustion of reactive dyes is significantly affected by various factors such as the form, preparation and crystallinity of materials to be dyed, as well as processes such as mercerization .

The degree of exhaustion and fixation of Everzol dyes, respectively, under the following conditions as shown in graphs.

Material	:	Unmercerized cotton
Depth of shade	:	Everzol Y C-GL, R C-3B, B BB, Everzol LX, Everzol LF, Black C-RL : 1% owf ; The other Everzol & Everzol ED : 3% owf
Glauber's salt	:	please refer to the table of salt and alkali requirement
Soda ash	:	please refer to the table of salt and alkali requirement
Liquor ratio	:	1 : 20
Dyeing temperature	:	60°C (Turq. Blue G, Yellow 4GL, Yellow 3GL, Yellow ED-2G 80°C)
Dyeing time	:	60 minutes after alkali added

(2) Reactivity :

The classification was made on the basis of an amount of alkali (Soda ash) to give a maximun strength.

Assessment :

Amount of alkali required to give Maximun strength (PH)	Reactivity group	Classification
Below 11.0	I	High reactivity
11.0-11.5	II	Moderate reactivity
Above 11.5	III	Low reactivity

(3) Substantivity :

The classification was made on the basis of a dye-uptake before the addition of alkali.

Assessment :

Dye-uptake	Substantivity group	Classification
Above 50%	A	High substantivity
50%-30%	B	Moderate substantivity
Below 30%	C	Low substantivity

(4) Migration property :

The migration test was carried out in the following procedure :

A test fabric was adsorbed with dyes by primary exhaustion under the following conditions and then white fabric (unadsorbed) and the test fabric (adsorbed) were treated together in a bath at a liquor ratio of 1:20 containing 50 g/l Glauber's salt at 60°C for 20 minutes, followed by fixation with an addition of 20 g/l Soda ash.

Depth of shade	:	Everzol Y C-GL, R C-3B, B BB, Everzol LX, Everzol LF, Black C-RL : 1% owf ; The other Everzol & Everzol ED : 3% owf
Glauber's salt	:	please refer to the table of salt and alkali requirement
Liquor ratio	:	1 : 20
Dyeing temperature	:	60°C (Turq. Blue G, Yellow 4GL, Yellow 3GL, Yellow ED-2G 80°C)
Dyeing time	:	60 minutes after alkali added

Assessment :

A difference in depth between the test fabric originally absorbed with dyes and the fabric migrated was assessed by means of the grey scale for assessing change in color.

(5) Washing off property :

10 g unmercerized cotton knit was dyed at 3% owf by normal method and the dyed sample was washed in the sequence given below to measure the amount of unfixed dyes removed from each step. (Everzol Y C-GL, R C-3B, B BB, Everzol LX, Everzol LF : 1% owf)

(1) 60°C, 5 min. water
(2) 80°C, 5 min. hot water
(3) 98°C, 5 min. soaping (neutral anionic surfactant, 3 g/l)
(4) 80°C, 5 min. hot water
(5) 60°C, 5 min. water

EVERLIGHT

Assessment :

The washing off property was classified into five classes based on the ratio of the amount of unfixed dyes removed at steps 1 and 2 to the total amount removed.

$$\frac{\text{Amount removed at steps 1 and 2}}{\text{Total amount removed}} \times 100 = (\%)$$

Classification :

5	:	more than 96%	4-5	:	91-95%
4	:	86-90%	3-4	:	81-85%
3	:	76-80%	2-3	:	71-75%
2	:	66-70%	1-2	:	61-65%
1	:	60% or less			

(6) Solubility :

(a) Without addition of auxiliary

A predetermined amount of dye was dissolved in warm water (50°C), and after cooling down to 25°C, the dye solution was filtered with filiter paper. The solubility was measured based on the presence or absence of residue on the filter paper.

(b) With an addition of 50 g/l Glauber's salt

A predetermined amount of dye and 50 g/l Glauber's salt were dissolved in warm water (50°C), and then the solubility was measured with the same method as in (a).

EVERLIGHT

(7) Stripping :

There are many methods to strip materials dyed with Everzol dyes. The stripping test was made on cotton fabrics dyed at a dyeing depth of 3.0% owf under the following conditions : (Everzol Y C-GL, R C-3B, B BB, Everzol LX, Everzol LF, Black C-RL : 1% owf; The other Everzol & Everzol ED : 3% owf)

(1) Alkali treatment :

Caustic soda(38°B'e) : 20 ml
Liquor ratio : 1 : 20
Temperature & Time : 80°C×30 min
Hot rinsing, neutralizing and cold rinsing.

(2) Reduction treatment :

Caustic soda(38°B'e) : 20 ml
Sodium hydrosulfite : 5 g/l
Liquor ratio : 1 : 20
Temperature & Time : 80°C×30 min.
Hot rinsing, neutralizing and cold rinsing.

(3) Combined reduction and oxidation treatments :

After the treatment (2), the fabrics are treated in the following chorine bath :
Sodium hypochlorite (available chlorine 12%) : 8 g/l
Liquor ratio : 1 : 20
Temperature & Time : 30°C×30 min.
The treated fabrics are cold rinsed, dechlorinated with 1 g/l sodium bisulfite at 50°C, hot rinsed and cold rinsed.

(4) Combined oxidation and reduction treatments :

Sodium hypochlorite (available chlorine 12%) : 8 g/l
Liquor ratio : 1 : 20
Temperature & Time : 30°C×30 min.
After the treatment and cold rinsing, the fabrics are further treated under the conditions (2).

Assessment :

The degree of stripping was assessed by means of the grey scale for assessing staining compared to original un-dyed fabric.

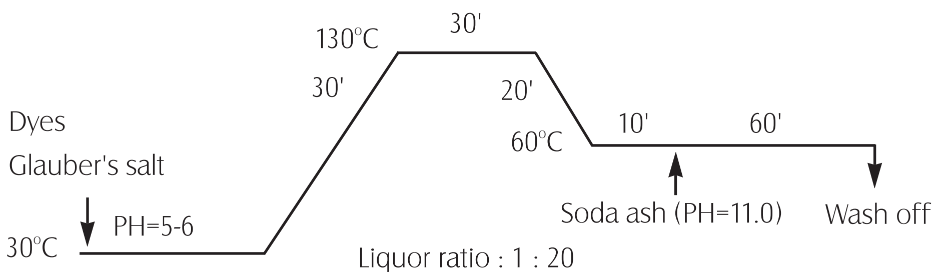
Classification :

(1) × : un-suitable (below grade 2)
(2) △ : moderate (between grade 2-3 to 3)
(3) ◯ : suitable (above grade 3-4)

(8) Suitability to high temperature one bath dyeing :

The suitability to high temperature one bath dyeing was examined by comparing the depth and color of the dyed fabrics obtained as follows with those of normal method.

(a) Stability to dyed fabric :



Assessment :

The shade change of the dyed fabric obtained by the above method was assessed against that obtained by the normal method by means of the grey scale for assessing the change of color.

(b) Stability to dye liquor :

Depth of shade : Everzol Y C-GL, R C-3B, B BB, Everzol LX, Everzol LF, Black C-RL : 1% owf; The other Everzol & Everzol ED : 3% owf

Liquor volume : 200 ml (liquor ratio : 1 : 20)

The above dye liquor was adjusted to PH 5, and without adding any fabric to be dyed, treated at 130°C for 30 minutes. After cooling down the liquor to 60°C, unmercerized cotton knits was dyed by the normal method in this dye bath.

Assessment :

The shade change of the dyed material obained by the above method was assessed against that obtained by the normal method by means of the grey scale for assessing the change of color.

EVERLIGHT

(9) Color constancy :

The shades of a sample of dyed materials under tungsten filament lamp and daylight fluorescent lamp were compared with that under standard light source, and the degree of shade difference was measured and classified as follows :

Symbols in parentheses mean the direction of difference in shade.

Y : Yellower R : Redder B : Bluer G : Greener

(10) Effect of metallic ion :

The effect of metallic ions on the shade and depth of dyeing was examined by adding metallic ions into the dyebath.

Material	:	Unmercerized cotton knits
Depth of shade	:	Everzol Y C-GL, R C-3B, B BB, Everzol LX, Everzol LF, Black C-RL : 1% owf ; The other Everzol & Everzol ED : 3% owf
Glauber' salt	:	please refer to the table of salt and alkali requirement
Soda ash	:	please refer to the table of salt and alkali requirement
Liquor ratio	:	1 : 20
Metallic ions	:	Fe^{++} ferrous chloride (20 ppm as Fe^{++}) Cu^{++} copper sulfate (20 ppm as Cu^{++})
Dyeing temperature	:	60°C (Turq. Blue G, Yellow 4GL, Yellow 3GL, Yellow ED-2G 80°C)
Dyeing time	:	60 minutes after alkali added

Assessment :

The difference in shade and yield between the samples dyed with and without addition of metallic ion was judged by means of the grey scale for assessing the change in color.

(11) Effect of fixing agent :

Fixing agent : (A) Polyethylene polyamine.
(B) Quaternary Ammonium salt.

The effect of fixing agent is measured by the following conditions :

Depth of shade	:	Everzol Y C-GL, R C-3B, B BB, Everzol LX, Everzol LF, Black C-RL : 1% owf ; The other Everzol & Everzol ED : 3% owf
Fixing agent	:	2.0% owf
Fixing temperature	:	60°C
Fixing time	:	20 minutes.

Assessment :

The difference in shade between the dyed samples with and without fixing was judged by means of grey scale for assessing change in color.

(12) Effect of finishing resin :

Finishing resin : (A) Melamine resin.
(B) Glyoxal resin.

The effect of finishing agent was measured by the following conditions :

Depth of shade	:	Everzol Y C-GL, R C-3B, B BB, Everzol LX, Everzol LF, Black C-RL : 1% owf ; The other Everzol & Everzol ED : 3% owf
Finishing agent	:	40 g/l
Catalyst	:	8 g/l
Finishing procedure		Padding → Drying → Baking.
Padding (pick-up)	:	70%
Drying	:	100°C × 3 minutes.
Baking	:	160°C × 3 minutes.

Assessment :

The difference in shade between the dyed samples with and without finishing was judged by means of grey scale for assessing change in color.

EVERLIGHT

(13) Dischargeability :

Dischargeability varies with the depth of the ground dyeing and the recipe of the white discharge paste. The discharge test was made on cotton fabrics dyed at 3% owf (Everzol Y C-GL, R C-3B, B BB, Dark Blue LF, Everzol LX, Everzol LF, Black C-RL : 1% owf ; The other Everzol & Everzol ED : 3% owf) by the following recipes.

(1) Recipe of discharge paste :

Composition/Method	Neutral	Alkaline
Rongalit C	200	200
Soda ash	- - -	50
Water	250	200
Thickener	550	550
Total	1000 parts	1000 parts

(2)Procedure :

After printing, the fabrics were dried at 60°C, steamed at 102°C for 5 to 8 minutes, followed by rinsing and soaping.

(14) Dependency on temperature :

Material	:	Unmercerized cotton knits
Depth of shade	:	Everzol Y C-GL, R C-3B, B BB, Everzol LX, Everzol LF, Black C-RL : 1% owf ; The other Everzol & Everzol ED : 3% owf
Glauber's salt	:	please refer to the table of salt and alkali requirement
Soda ash	:	please refer to the table of salt and alkali requirement
Liquor ratio	:	1 : 20
Dyeing temperature	:	40 - 80°C (Turq. Blue G, Yellow 4GL, Yellow 3GL, Yellow ED-2G 60 - 98°C)
Dyeing time	:	60 minutes after alkali added

EVERLIGHT

(15) Dependency on Glauber's salt :

Material	:	Unmercerized cotton knits
Depth of shade	:	Everzol Y C-GL, R C-3B, B BB, Everzol LX, Everzol LF, Black C-RL : 1% owf ; The other Everzol & Everzol ED : 3% owf
Glauber's salt	:	30, 40, 50, 60, 70, 80 g/l
Soda ash	:	please refer to the table of salt and alkali requirement
Liquor ratio	:	1 : 20
Dyeing temperature	:	60°C (Turq. Blue G, Yellow 4GL, Yellow 3GL, Yellow ED-2G 80°C)
Dyeing time	:	60 minutes after alkali added

(16) Dependency on liquor ratio :

Material	:	Unmercerized cotton knit
Depth of shade	:	Everzol Y C-GL, R C-3B, B BB, Everzol LX, Everzol LF, Black C-RL : 1% owf ; The other Everzol & Everzol ED : 3% owf
Glauber's salt	:	please refer to the table of salt and alkali requirement
Soda ash	:	please refer to the table of salt and alkali requirement
Liquor ratio	:	1 : 5~120 (1:20 as standard)
Dyeing temperature	:	60°C (Turq. Blue G, Yellow 4GL, Yellow 3GL, Yellow ED-2G 80°C)
Dyeing time	:	60 minutes after alkali added

(17) Dependency on alkali :

Material	:	Unmercerized cotton knit
Depth of shade	:	Everzol Y C-GL, R C-3B, B BB, Everzol LX, Everzol LF, Black C-RL : 1% owf ; The other Everzol & Everzol ED : 3% owf
Glauber's salt	:	please refer to the table of salt and alkali requirement
Alkali	:	Soda ash g/l : 5, 10, 15, 20*, 5, 5, NaOH (38°B'e) cc/l : -, -, -, -, 1, 2,
Liquor ratio	:	1 : 20
Dyeing temperature	:	60°C (Turq. Blue G, Yellow 4GL, Yellow 3GL, Yellow ED-2G 80°C)
Dyeing time	:	60 minutes after alkali added

EVERLIGHT

(18) Color fastness :

1. Fastness to washing	ISO 105 C02
	ISO 105 C03
	ISO 105 C04
	ISO 105 C06-C1S
	ISO 105 C06-C2S
	Marks & Spencer C4A
2. Fastness to water	ISO 105 E01
3. Fastness to hot water	ISO 105 E08
4. Fastness to sea water	ISO 105 E02
5. Fastness to post mercerizing	ISO 105 X04
6. Fastness to acid hydrolysis	1% Acteic acid solution for 30 min, 38°C X 6 hours
7. Fastness to perspiration	ISO 105 E04
8. Fastness to chlorinated water (20ppm)	ISO 105 E03
Peroxide Bleaching	ISO 105 N02
9. Fastness to rubbing (dry, wet)	ISO 105 X 12
10. Fastness to detergent light	Marks & Spencer C9A
11. Fastness to multi-washing	Marks & Spencer C10A
12. Fastness to saliva	DIN 53160
13. Fastness to hot-pressing	ISO 105 X 11
14. Fastness to dry cleaning	ISO 105 D01
15. Fastness to light	ISO 105 B02 & AATCC 16-3

Everzol ED

Application information

1. Storage of dyes

In order to ensure the safe storage, i.e. temperature, humidity, managements on storage rooms, etc. are advised to be under well control. Once the package had opened, the contents must be used relatively quickly or sealed tightly.

2. Dissolving the Everzol ED dyes

Everzol ED dyes are highly soluble in water. To completely dissolve in water to be pasted with small amount of warm water (40-50°C) with thorough stirred. Then add hot water (80-90°C) to the paste and mix thoroughly. The applied water will recommend to be soft or demineralized under a neutral phase.

3. Salt and alkali requirement of Everzol ED dyes

Dyestuff Depth of shade	Glauber's Salt or Common Salt (g/L)		Alkali (g/L)			Fixing Time (min)
	Unmercerized Cotton	Mercerized Cotton Viscose rayon	Soda ash	Soda ash (g/l)+ Caustic Soda (38°B'e ml/l)	Na_3PO_4	
< 0.5%	20	10	10	5 + 0.5	6	30
0.5～1%	30	20	15	5 + 0.5	6	45
1～2%	40	30	20	5 + 1.0	8	60
2～3%	50	40	20	5 + 1.0	8	60
3～4%	60	50	20	5 + 1.0	8	60
4～5%	70	60	20	5 + 1.0	10	60
5～6%	80	70	20	5 + 2.0	10	60
> 6%	80	70	20	5 + 2.0	10	90

4. Lab dyeing method

5. Pretreatment of substrate

Before dyeing, all the impurities, lubricants, auxiliaries and processing chemicals that are likely to react with reactive dyes or have an inferior effect on the dyeing process have to be removed from the substrate.

6. Brief explanation of exhaust dyeing method (Winch, jet unit)

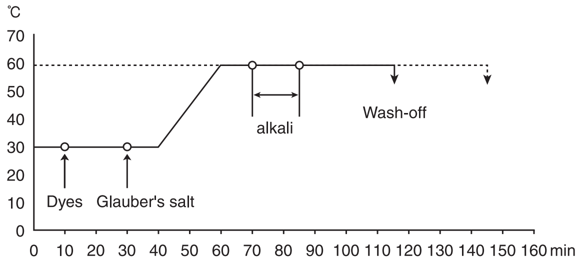
- Dyes, salt and partial alkali are added to the dyebath at room temperature.
- Heat to desired temperature.
- Hold 10-20 min, add the rest alkali and run for next 60-90 min.

Remark : Automatic dosing system for dyes and alkali will benefit the levelness and reproducibility.

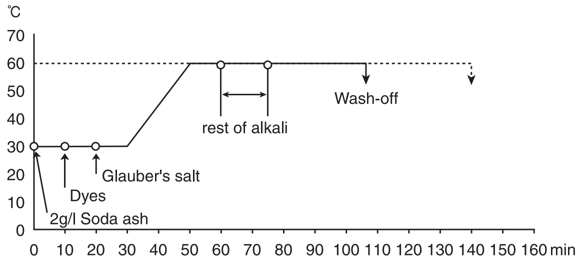
EVERLIGHT

7. Exhaust dyeing method

a. General method



b. Semi-All In method



8. Wash-off process

Bath	Temp.(°C)	Time(min)	Function
1	30-50	10-15	cold rinsing or over-flow rinsing
2	30-50	10-15	neutralizing
3	60-70	10-15	warm rinsing
4	80-98	10-15	hot rinsing
5	98	10-15	soaping
6	60-70	10-15	warm rinsing
7	30-50	10-15	cold rinsing

9. Everzol ED trichromate

Medium-Heavy shade	Orange Scarlet shade	Navy shade	Deep Red shade	Deep Black shade	Royal Blue	Dischargeable
Yellow ED	Orange ED-2R	Navy ED	Red ED	Black ED	Blue ED-G	Yellow ED-S
Red ED	Orange ED	Blue ED	Red ED-2B	Black ED-2R		Red ED-S
Navy ED	Red ED		Red ED-3B	Black ED-G		Orange ED
	Red ED-2B		Red ED-7B	Black ED-R		Navy ED
	Red ED-3B		Rubine ED			Black ED
						Black ED-G
						Black ED-R

Everzol Dyes

1 %	3 %	dyes	properties
		Yellow 4GL	1. Suitable for continuous dyeing and printing 2. Suitable for color match of brilliant color 3. The best dyeing temperature is 80°C, When combined with Everzol Brill.Turq. G
		Yellow 3GL	1. Suitable for color match of brilliant color 2. The best dyeing temperature is 80°C, When combined with Everzol Brill.Turq. G 3. Don't exceed 20g/l of dye for CPB. Alkali is recommended as a mixture of sodium silicate and caustic soda
		Yellow C-GL	1. Suitable for exhaust, dischargeable dyeing and CPB 2. Excellent compatibility with Red C-3B and Blue BB at very pale shade 3. Excellent light fastness and perspiration light fastness at pale shade
		Yellow GR	1. A versatile yellow dyeing 2. Suitable for continuous dyeing 3. Suitable for resistance, discharge printing
		Yellow NPN	1. A real Golden Yellow dye with non-photochrism 2. Non-Ghost fading 3. Good leveling and reproducibility properties 4. Excellent Acid & Alkali spot fastness
		Golden Yellow RNL	1. A primary yellow 2. Suitable for discharge and resist printing 3. Suitable for exhaust dyeing, CPB and continuous dyeing
		Yellow 3RS	1. A primary yellow, broad color range for color match 2. Bi-function group dye, excellent chlorinated water fastness 3. Very good for multi-washing fastness
		Orange 2R	1. Brilliant orange color, suitable for exhaust dyeing 2. Suitable for discharge and resist printing at pale shade 3. Very good in colorfastness to chlorinated water
		Scarlet 3GF	1. Brilliant scarlet dye 2. Compatible with Red BS for deep red or scarlet shades 3. Suitable for exhaust dyeing 4. Excellent chlorinated water fastness
		Orange 3R	1. Suitable for continuous dyeing and printing 2. Suitable for resistance, discharge printing 3. Alkali is recommended as a mixture of sodium silicate and caustic soda for the application of CPB
		Red LF-B	1. Suitable for exhaust dyeing, CPB and continuous dyeing 2. Good light fastness and perspiration light fastness at pale shade 3. Compatible with Everzol Yellow LX, Blue LX 4. Metal-free red dye

Everzol Dyes

1 % 3 %	dyes	properties
	Red LF-2B	1. Suitable for exhaust, dischargeable dyeing or CPB 2. Excellent light and perspiration light fastness with Yellow LX and Blue LX at very pale shade 3. Metal-free red dye
	Red C-3B	1. Suitable for exhaust, dischargeable dyeing and CPB 2. Excellent compatibity with Yellow C-GL and Blue BB at very pale shade 3. Excellent light fastness at pale shade
	Red F2B	1. A brilliant red dye 2. A primary light red, broad color range for color match
	Red RBN	1. A primary red of trichromatic 2. It takes shorter time than most of other dye for developing in application of CPB
	Red BB	1. Suitable for continuous dyeing and printing 2. Suitable for resist, discharge printing 3. Alkali is recommended as a mixture of sodium silicate and caustic soda for the application of CPB
	Red F3B	1. Brilliant trichromatic red, suitable for exhaust dyeing, CPB and continuous dyeing 2. Excellent build-up 3. Suitable for discharge printing and resist printing
	Red 3BS	1. A primary red, broad color range for color match 2. Bi-function group dye, excellent in colorfastness to chlorinated water 3. Very good for multi-washing fastness
	Red BS	1. High color yield, specially recommended for deep red 2. Excellent property of dependence to salt 3. Not recommended for dyeing of pale shade
	Turquoise Blue G	1. Suitable for color match of brilliant green 2. The best dyeing temperature is 80°C. When combined with Everzol Yellow 3GL, 4GL 3. Sodium sulfate is recommended as a salt
	Blue R s/p	1. Good in colorfastness to light 2. Sodium sulfate is recommended as a salt, max. dosage 50g/l
	Blue BB	1. A primary light blue of trichromatic combination 2. Good on colorfastness to light 3. Suitable for resist printing

Everzol Dyes

1 % 3 %	dyes	properties
	Blue BRF 150%	1. A trichromatic blue, broad color range for color match 2. Sodium sulfate is recommend as salt 3. Outstanding leveling property and reproducibility 4. Unique light fastness at pale shade
	Blue RGB	1. Economical navy dyes, suitable for exhaust dyeing, CPB, and continuous dyeing 2. Excellent build-up 3. Moderate to high lightfastness
	Navy Blue FBN	1. A primary blue, broad color range for color match 2. Bi-function group dye, excellent in colorfastness to chlorinated water 3. Very good for multi-washing fastness
	Navy Blue GG	1. A versatile blue dye with greenish, suitable for color match of dark green 2. The property of colorfastness to chlorinated water is better than Black 5 3. Suitable for resist, discharge printing
	Navy Blue RGB H/C	1. An economical versatile blue dye with greenish 2. The property of colorfastness to chlorinated water is better than Black 5 3. Suitable for resist, discharge printing
	Dark Blue LF	1. Suitable for exhaust dyeing & CPB 2. Excellent light fastness & perspiration light fastness 3. Recommend for medium shade dyeing
	Black B	1. An economical versatile heavy blue dye 2. The most common used of reactive black dye 3. Suitable for resist, discharge printing
	Black C-RL	1. Suitable for exhaust, CPB and continuous dyeing 2. Recommended for pale to medium shade dyeing 3. Excellent light fastness at pale shade
	Yellow LX	1. A tinctorial Yellow, broad color yield for color match 2. Combined with Red LX, Blue LX at very pale shade dyeing with outstanding leveling and reproducibility
	Red LX	1. A tinctorial Red, broad color yield for color match 2. Combined with Yellow LX, Blue LX at very pale shade dyeing with outstanding leveling and reproducibility
	Blue LX	1. A tinctorial Blue, broad color yield for color match 2. Combined with Yellow LX, Red LX at very pale shade dyeing with outstanding leveling and reproducibility 3. Glauber's salt is recommended
	Navy LX	1. A primary Navy, broad color range for color match 2. Bi-function group dye, excellent chlorinated water fastness 3. Very good for multi-washing fastness 4. Excellent leveling and reproducibility

Everzol ED Dyes

1 % 3 %	dyes	properties
	Yellow ED-2G	1. Excellent build-up 2. The optimum dyeing temperature is 80°C combined with Everzol Turq. Blue G
	Yellow ED-R	1. Brilliant and excellent build-up 2. Very good for multi-washing fastness (UK-TO) 3. With Red ED-3B, Blue ED for good light fastness trichromate
	Yellow ED	1. Excellent build-up 2. Main component for medium to deep trichromate 3. Excellent compatible with Red ED, Navy ED
	Yellow ED-S	1. Excellent build-up 2. Suitable for exhaust, continuous, CPB dyeing 3. Compatible with Red ED-S for resist, discharge printing
	Orange ED	1. Excellent build-up 2. Outstanding lightfastness and perspiration lightfastness 3. Suitable for resist, discharge printing
	Orange ED-2R	1. Very brilliant orange color 2. Excellent tinctorial strength and build-up 3. Excellent colorfastness to chlorinated water
	Red ED	1. Very high tinctorial strength for deep Red 2. Main component for medium to deep trichromate 3. Excellent compatible with Yellow ED, Navy ED
	Red ED-2B	1. Very good build-up 2. For medium to heavy trichromate
	Red ED-3B	1. Brilliant and excellent build-up 2. With Yellow ED-R, Blue ED for good light fastness trichromate 3. Excellent colorfastness to chlorinated water
	Red ED-7B	1. Excellent build-up 2. Suitable for exhaust, continuous, CPB dyeing 3. Compatible with Orange ED for deep shade 4. High lightfastness & Chlorinated water fastness
	Red ED-S	1. Excellent build-up 2. Suitable for exhaust, continuous, CPB dyeing 3. Compatible with Yellow ED-S for resist, discharge printing

1 % 3 %	dyes	properties
	Rubine ED	1. Suitable for exhaust, continuous dyeing and CPB 2. Especially for brilliant burgundy shade dyeing 3. Excellent compatible with Yellow ED and Navy ED at deep shade
	Blue ED-G	1. Brilliant greenish royal blue dye 2. High lightfastness 3. Compatible with Yellow ED-2G, Turq. Blue G for matching brilliant jade green shade 4. Low nylon stain for N/C fabric
	Blue L-ED	1. Suitable for exhaust, continuous dyeing and CPB 2. Excellent build-up 3. Good in colorfastness to light 4. Suitable for discharge and resist printing 5. Excellent reproducibility
	Blue ED	1. Excellent lightfastness 2. With Yellow ED-R, Red ED-3B for good light fastness trichromate 3. Excellent to chlorinated water fastness
	Navy ED	1. Excellent build-up 2. Main component for medium to deep trichromate 3. Excellent compatible with Yellow ED, Red ED

Everzol Black Dyes

3 %　　6 %	dyes	properties
	Black GR	1. An economical versatile black dye
	Black GRN	1. An economical versatile black dye
	Black N	1. A versatile, good leveling black dye 2. Suitable for resist, discharge printing
	Black NR	1. A versatile, good leveling black dye 2. Suitable for resist, discharge printing
	Black GSP	1. Suitable for resist, discharge printing 2. Excellent colorfastness to post mercerizing 3. Good for multi-washing fastness
	Black MW	1. Suitable for resist, discharge printing 2. Excellent colorfastness to post mercerizing 3. Very good for multi-washing fastness
	Black LNS	1. A versatile, good leveling black dye 2. Suitable for resist, discharge printing 3. Suitable for N/C dyeing, and less nylon stain in cross dyeing
	Black ED	1. Deep black with good build-up 2. Suitable for resist, discharge printing 3. Excellent colorfastness to post mercerizing
	Black ED-2R	1. Deep black with good color yield 2. Less cross dyeing on nylon when N/C blends dyeing
	Black ED-G	1. Deep black with excellent build-up 2. Greenish black 3. Suitable for resist, discharge printing 4. less lycra stain for cotton/lycra dyeing
	Black ED-R	1. Deep black with excellent build-up 2. Reddish black 3. Suitable for resist, discharge printing

EVERLIGHT

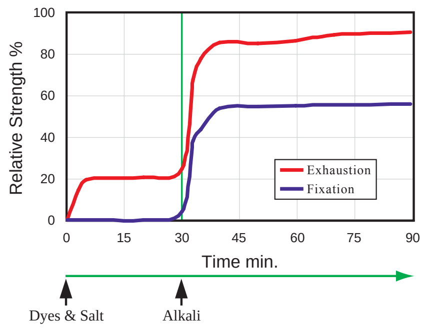
Everzol Yellow 4GL

EVERLIGHT

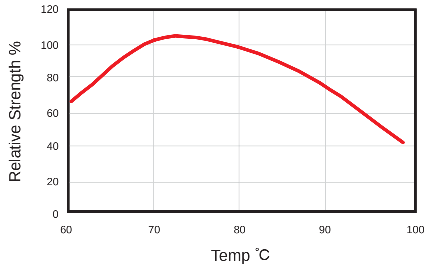
Dyeing Properties 特性

Characteristics		Evaluation
Reactivity 反應性		II
Substantivity 親和性		C
Migration 移染性		4-5
Washing off 洗淨性		4
Solubility g/l 溶解度	50℃ Water	100
	50℃ Water+50 g/l Salt	50
High temp. Dyeing 高溫染色性	Dyed fabric 色布	3-4
	Dye Liquor 染浴	3-4
Color constancy 色恆性	Tungsten Lamp	Y
	TL 84 Lamp	Y
Metallic ions 金屬離子	Fe++ 鐵	4-5
	Cu++ 銅	4-5
Resin finishing 樹脂加工	Melamine 三聚氰胺	4-5
	Glyoxal 乙二醛	5
Shade change after fixing treatment 固色後變色性	Polyamide 聚乙醯胺	3R
	Quaternary ammonium salt 四級胺鹽	3R
Stripping 脫色性	(1)	×
	(2)	△
	(3)	△
	(4)	○
Discharge ability 拔染性	Neutral 中性	2
	Alkaline 鹼性	4

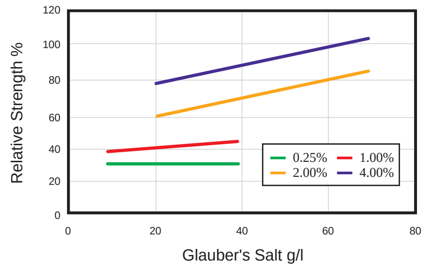
吸盡固著曲線 Exhaustion & Fixation



溫度依存性 Dependency on temperature



芒硝依存性 Dependency on Glauber's salt



Everzol Yellow 4GL

EVERLIGHT

Fastness before fixing treatment 固色前牢度表

Fastness		Depth of shade 染色濃度	Color change 變褪色	Staining 污染: Acetate 醋酸纖維	Cotton 棉	Nylon 尼龍	Polyester 聚酯	Acrylic 壓克力	Wool 羊毛
Washing 耐水洗	ISO C02	3.0%	5	5	5	5	5	5	5
	ISO C03		4-5	5	5	5	5	5	5
	ISO C04		4-5	5	4	4-5	5	5	3
	ISO C06-C1S		4-5	5	4-5	5	5	5	5
	ISO C06-C2S		5	5	5	5	5	5	5
	M&S C4A		5	5	5	5	5	5	5
Water 耐水		3.0%	5	5	5	5	5	5	5
Hot Water 耐熱水		3.0%	5	5	5	5	5	5	5
Sea Water 耐海水		3.0%	5	5	5	5	5	5	5
Post mercerizing 後絲光		3.0%	3R		4				
Acid hydrolysis 酸水解		3.0%	3-4	5	5	5	5	5	5
Perspiration 耐汗	Acid 酸	3.0%	5	5	5	5	5	5	5
	Alkali 鹼		5	5	5	5	5	5	5

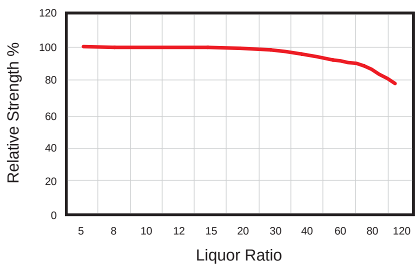
Fastness			Depth of shade 染色濃度	Grade 級數
Chlorinated Water耐氯水(20ppm)			3.0%	4
Peroxide Bleaching雙氧水漂白				4
Rubbing 耐摩擦	Dry 乾		3.0%	5
	Wet 濕			4
M&S C9A 擬溼日光 (detergent Light)			0.3%	>4-5
			3.0%	>4-5
M&S C10A (UK-TO)			3.0%	4
Saliva (DIN) 耐唾液			3.0%	5
Hot-Pressing 耐熱壓	Dry 乾	Immediately	3.0%	4-5
		4 Hours after		5
	Wet 濕	Immediately	3.0%	4
		4 Hours after		4-5
Dry cleaning 耐乾洗			3.0%	4-5

Light Fastness 日光堅牢度

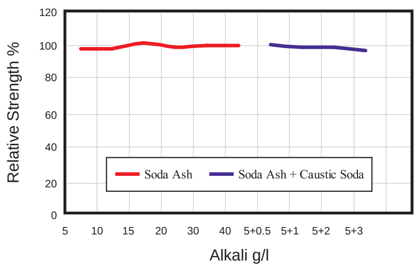
Evaluation	Dyeing Depth 染色濃度	Color Change 20 AFU	Grade ISO Blue Scale
Artificial Light (Xenon-Arc Lamp) 耐日光	0.1 %	4	4-5
	0.3 %	4-5	5
	1.0 %	>4-5	>6
	3.0 %	>4-5	>6
	6.0 %	>4-5	>6

Evaluation		Dyeing Depth 染色濃度	Color Change 20 AFU	Grade ISO Blue Scale
Perspiration Light 耐汗日光	Acid	3.0 %	4-5	6
	Alkali		4-5	5-6

浴比依存性 Dependency on Liquor ratio



鹼依存性 Dependency on alkali

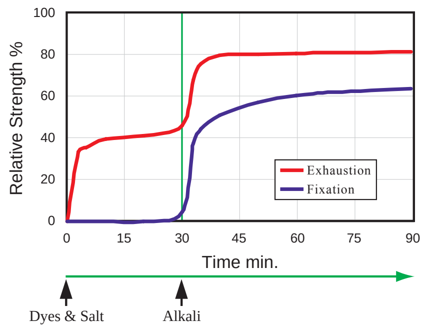


Everzol Yellow 3GL

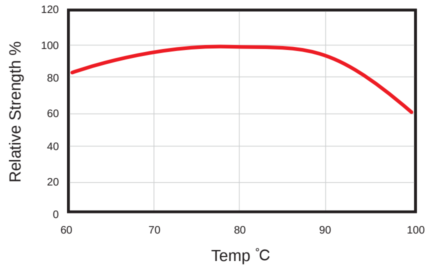
Dyeing Properties 特性

Characteristics		Evaluation
Reactivity 反應性		Ⅱ
Substantivity 親和性		B
Migration 移染性		4-5
Washing off 洗淨性		3
Solubility g/l 溶解度	50℃ Water	100
	50℃ Water+50 g/l Salt	100
High temp. Dyeing 高溫染色性	Dyed fabric 色布	2-3 R
	Dye Liquor 染浴	3-4 R
Color constancy 色恆性	Tungsten Lamp	G
	TL 84 Lamp	G
Metallic ions 金屬離子	Fe++ 鐵	4
	Cu++ 銅	2-3
Resin finishing 樹脂加工	Melamine 三聚氰胺	4-5
	Glyoxal 乙二醛	4-5
Shade change after fixing treatment 固色後變色性	Polyamide 聚乙醯胺	4 R
	Quaternary ammonium salt 四級胺鹽	4 R
Stripping 脫色性	(1)	×
	(2)	×
	(3)	△
	(4)	○
Discharge ability 拔染性	Neutral 中性	4-5
	Alkaline 鹼性	4-5

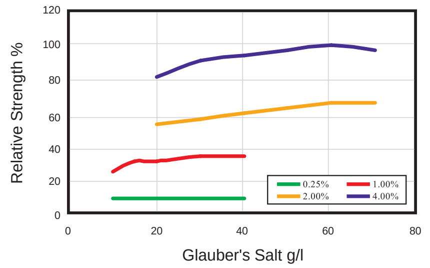
吸盡固著曲線 Exhaustion & Fixation



溫度依存性 Dependency on temperature



芒硝依存性 Dependency on Glauber's salt



Everzol Yellow 3GL

EVERLIGHT

Fastness before fixing treatment 固色前牢度表

Fastness		Depth of shade 染色濃度	Color change 變褪色	Staining 污染 Acetate 醋酸纖維	Cotton 棉	Nylon 尼龍	Polyester 聚酯	Acrylic 壓克力	Wool 羊毛
Washing 耐水洗	ISO C02	3.0%	5	5	5	5	5	5	5
	ISO C03		5	5	5	5	5	5	5
	ISO C04		5	5	4	4-5	5	5	3
	ISO C06-C1S		4-5	5	4-5	5	5	5	5
	ISO C06-C2S		4-5	5	5	5	5	5	5
	M&S C4A		4-5	5	4-5	5	5	5	5
Water 耐水		3.0%	5	5	5	5	5	5	5
Hot Water 耐熱水		3.0%	5	5	5	4-5	5	5	5
Sea Water 耐海水		3.0%	5	5	5	5	5	5	5
Post mercerizing 後絲光		3.0%	4-5		4				
Acid hydrolysis 酸水解		3.0%	4	5	4-5	3	5	5	3-4
Perspiration 耐汗	Acid 酸	3.0%	5	5	5	5	5	5	5
	Alkali 鹼		5	5	5	5	5	5	5

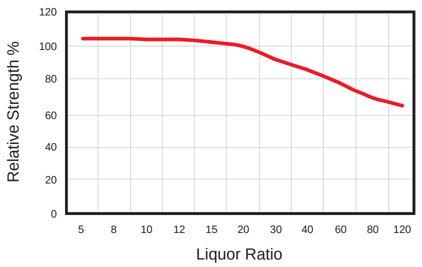
Fastness			Depth of shade 染色濃度	Grade 級數
Chlorinated Water耐氯水(20ppm)			3.0%	3
Peroxide Bleaching雙氧水漂白				3
Rubbing 耐摩擦	Dry 乾		3.0%	5
	Wet 濕			3-4
M&S C9A 擬溼日光 (detergent Light)			0.3%	4-5
			3.0%	4-5
M&S C10A (UK-TO)			3.0%	3
Saliva (DIN) 耐唾液			3.0%	5
Hot-Pressing 耐熱壓	Dry 乾	Immediately	3.0%	5
		4 Hours after		5
	Wet 濕	Immediately	3.0%	5
		4 Hours after		5
Dry cleaning 耐乾洗			3.0%	4-5

Light Fastness 日光堅牢度

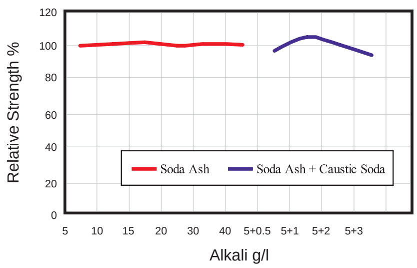
Evaluation	Dyeing Depth 染色濃度	Color Change 20 AFU	Grade ISO Blue Scale
Artificial Light (Xenon-Arc Lamp) 耐日光	0.1 %	3-4	4-5
	0.3 %	4	4-5
	1.0 %	4-5	6
	3.0 %	>4-5	>6
	6.0 %	>4-5	>6

Evaluation		Dyeing Depth 染色濃度	Color Change 20 AFU	Grade ISO Blue Scale
Perspiration Light 耐汗日光	Acid	3.0 %	4-5	5-6
	Alkali		2-3	3-4

浴比依存性 Dependency on Liquor ratio



鹼依存性 Dependency on alkali



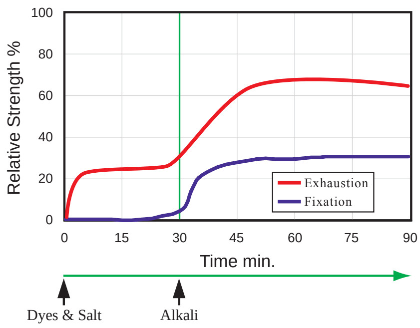
Everzol Yellow C-GL

EVERLIGHT®

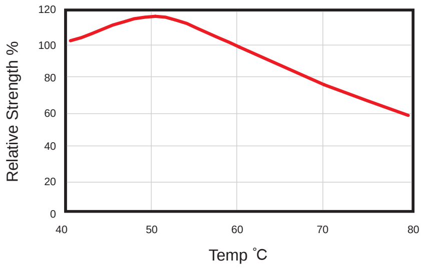
Dyeing Properties 特性

Characteristics		Evaluation
Reactivity 反應性		Ⅱ
Substantivity 親和性		B
Migration 移染性		4-5
Washing off 洗淨性		4-5
Solubility g/l 溶解度	50℃ Water	100
	50℃ Water+50 g/l Salt	100
High temp. Dyeing 高溫染色性	Dyed fabric 色布	3
	Dye Liquor 染浴	3
Color constancy 色恆性	Tungsten Lamp	R
	TL 84 Lamp	R
Metallic ions 金屬離子	Fe++ 鐵	4-5 (R)
	Cu++ 銅	4-5
Resin finishing 樹脂加工	Melamine 三聚氰胺	4-5
	Glyoxal 乙二醛	4-5
Shade change after fixing treatment 固色後變色性	Polyamide 聚乙醯胺	4-5
	Quaternary ammonium salt 四級胺鹽	4-5
Stripping 脫色性	(1)	×
	(2)	×
	(3)	○
	(4)	○
Discharge ability 拔染性	Neutral 中性	4
	Alkaline 鹼性	4

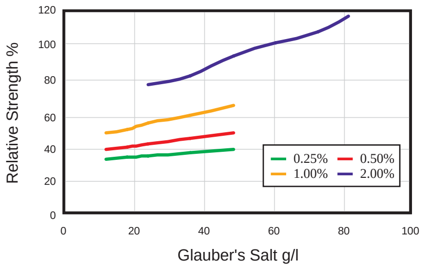
吸盡固著曲線 Exhaustion & Fixation



溫度依存性 Dependency on temperature



芒硝依存性 Dependency on Glauber's salt



Everzol Yellow C-GL

EVERLIGHT

Fastness before fixing treatment 固色前牢度表

Fastness / Evaluation		Depth of shade 染色濃度	Color change 變褪色	Staining 污染: Acetate 醋酸纖維	Staining 污染: Cotton 棉	Staining 污染: Nylon 尼龍	Staining 污染: Polyester 聚酯	Staining 污染: Acrylic 壓克力	Staining 污染: Wool 羊毛
Washing 耐水洗	ISO C02	1.0%	5	5	5	5	5	5	5
	ISO C03		5	5	5	5	5	5	5
	ISO C04		5	5	5	5	5	5	4-5
	ISO C06-C1S		5	5	5	5	5	5	5
	ISO C06-C2S		5	5	5	5	5	5	5
	M&S C4A		5	5	5	5	5	5	5
Water 耐水		1.0%	5	5	5	5	5	5	5
Hot Water 耐熱水		1.0%	5	5	5	5	5	5	5
Sea Water 耐海水		1.0%	5	5	5	5	5	5	5
Post mercerizing 後絲光		1.0%	4-5		5				
Acid hydrolysis 酸水解		1.0%	4-5	5	5	5	5	5	5
Perspiration 耐汗	Acid 酸	1.0%	5	5	5	5	5	5	5
	Alkali 鹼		5	5	5	5	5	5	5

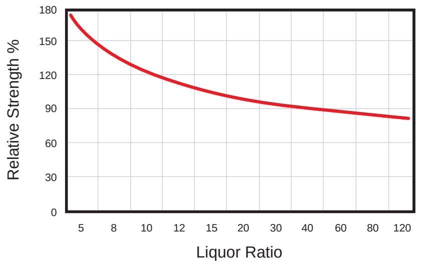
Fastness / Evaluation			Depth of shade 染色濃度	Grade 級數
Chlorinated Water耐氯水(20ppm)			1.0%	3
Peroxide Bleaching雙氧水漂白				4-5
Rubbing 耐摩擦	Dry 乾		1.0%	5
	Wet 濕			4-5
M&S C9A 擬溼日光 (detergent Light)			0.3%	>4-5
			1.0%	>4-5
M&S C10A (UK-TO)			1.0%	4-5
Saliva (DIN) 耐唾液			1.0%	4-5
Hot-Pressing 耐熱壓	Dry 乾	Immediately	1.0%	4-5
		4 Hours after		5
	Wet 濕	Immediately	1.0%	4
		4 Hours after		4-5
Dry cleaning 耐乾洗			1.0%	4-5

Light Fastness 日光堅牢度

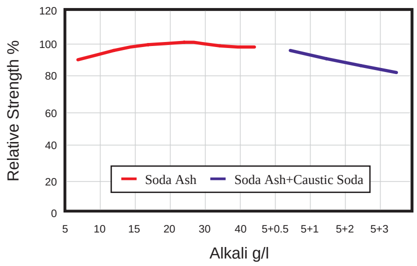
Evaluation	Dyeing Depth 染色濃度	Color Change 20 AFU	Grade ISO Blue Scale
Artificial Light (Xenon-Arc Lamp) 耐日光	0.1 %	3-4	5
	0.3 %	4	5-6
	1.0 %	4-5	6
	3.0 %	>4-5	>6
	6.0 %	*	*

Evaluation		Dyeing Depth 染色濃度	Color Change 20 AFU	Grade ISO Blue Scale
Perspiration Light 耐汗日光	Acid	1.0 %	4	5-6
	Alkali		4	5-6

浴比依存性 Dependency on Liquor ratio



鹼依存性 Dependency on alkali

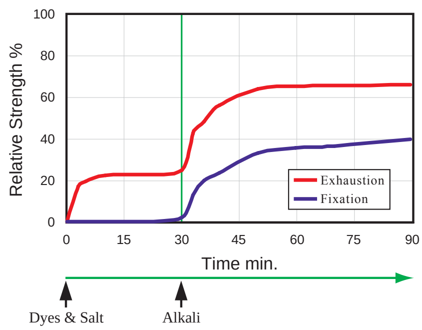


Everzol Yellow GR

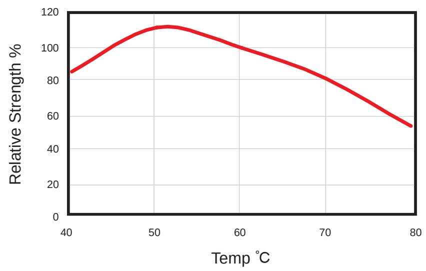
Dyeing Properties 特性

Characteristics		Evaluation
Reactivity 反應性		II
Substantivity 親和性		C
Migration 移染性		5
Washing off 洗淨性		4-5
Solubility g/l 溶解度	50℃ Water	150
	50℃ Water+50 g/l Salt	150
High temp. Dyeing 高溫染色性	Dyed fabric 色布	1-2
	Dye Liquor 染浴	4
Color constancy 色恆性	Tungsten Lamp	B (G)
	TL 84 Lamp	B (G)
Metallic ions 金屬離子	Fe++ 鐵	4
	Cu++ 銅	2 D
Resin finishing 樹脂加工	Melamine 三聚氰胺	4-5
	Glyoxal 乙二醛	5
Shade change after fixing treatment 固色後變色性	Polyamide 聚乙醯胺	4-5
	Quaternary ammonium salt 四級胺鹽	4-5
Stripping 脫色性	(1)	×
	(2)	×
	(3)	○
	(4)	○
Discharge ability 拔染性	Neutral 中性	4-5
	Alkaline 鹼性	4

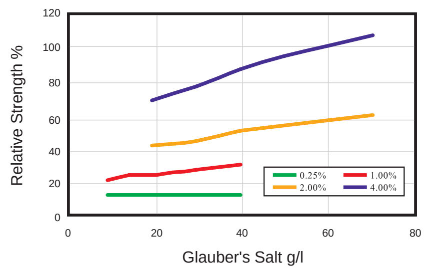
吸盡固著曲線 Exhaustion & Fixation



溫度依存性 Dependency on temperature



芒硝依存性 Dependency on Glauber's salt



Everzol Yellow GR

EVERLIGHT

Fastness before fixing treatment 固色前牢度表

Fastness \ Evaluation		Depth of shade 染色濃度	Color change 變褪色	Staining 污染: Acetate 醋酸纖維	Cotton 棉	Nylon 尼龍	Polyester 聚酯	Acrylic 壓克力	Wool 羊毛
Washing 耐水洗	ISO C02	3.0%	4-5	5	4-5	5	5	5	5
	ISO C03		4-5	5	4-5	5	5	5	5
	ISO C04		4-5	5	4-5	4-5	5	5	4
	ISO C06-C1S		4-5	5	4-5	5	5	5	5
	ISO C06-C2S		4-5	5	4-5	5	5	5	5
	M&S C4A		4-5	5	5	5	5	5	5
Water 耐水		3.0%	4-5	5	5	5	5	5	5
Hot Water 耐熱水		3.0%	5	5	5	4-5	5	5	5
Sea Water 耐海水		3.0%	4-5	5	5	5	5	5	5
Post mercerizing 後絲光		3.0%	2-3R		4				
Acid hydrolysis 酸水解		3.0%	5	5	5	3-4	5	5	4-5
Perspiration 耐汗	Acid 酸	3.0%	4-5	5	5	5	5	5	5
	Alkali 鹼		4-5	5	5	5	5	5	5

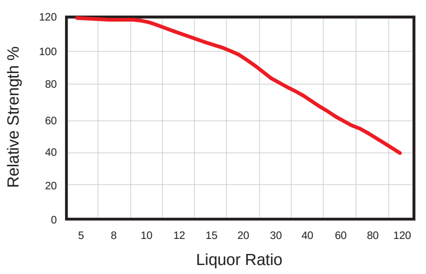
Fastness \ Evaluation			Depth of shade 染色濃度	Grade 級數
Chlorinated Water耐氯水(20ppm)			3.0%	1-2
Peroxide Bleaching雙氧水漂白				4
Rubbing 耐摩擦	Dry 乾		3.0%	5
	Wet 濕			4-5
M&S C9A 擬溼日光 (detergent Light)			0.3%	4
			3.0%	4
M&S C10A (UK-TO)			3.0%	3-4
Saliva (DIN) 耐唾液			3.0%	5
Hot-Pressing 耐熱壓	Dry 乾	Immediately	3.0%	4 Y
		4 Hours after		4-5
	Wet 濕	Immediately	3.0%	4 Y
		4 Hours after		4-5
Dry cleaning 耐乾洗			3.0%	4-5

Light Fastness 日光堅牢度

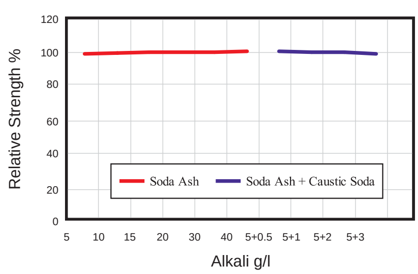
Evaluation	Dyeing Depth 染色濃度	Color Change 20 AFU	Grade ISO Blue Scale
Artificial Light (Xenon-Arc Lamp) 耐日光	0.1 %	3	4-5
	0.3 %	3-4	4-5
	1.0 %	4	5-6
	3.0 %	4-5	5-6
	6.0 %	>4-5	>6

Evaluation		Dyeing Depth 染色濃度	Color Change 20 AFU	Grade ISO Blue Scale
Perspiration Light 耐汗日光	Acid	3.0 %	4-5	5-6
	Alkali		4	5

浴比依存性 Dependency on Liquor ratio



鹼依存性 Dependency on alkali



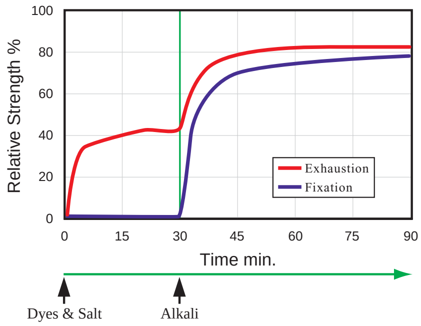
EVERLIGHT

Everzol Yellow NPN

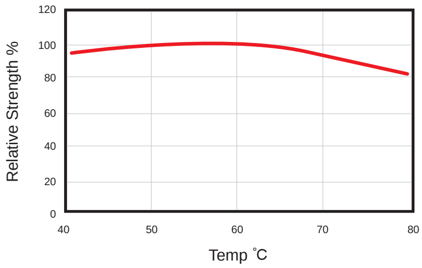
Dyeing Properties 特性

Characteristics		Evaluation
Reactivity 反應性		Ⅱ
Substantivity 親和性		B
Migration 移染性		2
Washing off 洗淨性		2-3
Solubility g/l 溶解度	50℃ Water	100
	50℃ Water+50 g/l Salt	100
High temp. Dyeing 高溫染色性	Dyed fabric 色布	4-5
	Dye Liquor 染浴	4-5
Color constancy 色恆性	Tungsten Lamp	Y
	TL 84 Lamp	Y
Metallic ions 金屬離子	Fe++ 鐵	4B
	Cu++ 銅	3B
Resin finishing 樹脂加工	Melamine 三聚氰胺	3-4
	Glyoxal 乙二醛	4
Shade change after fixing treatment 固色後變色性	Polyamide 聚乙醯胺	4-5
	Quaternary ammonium salt 四級胺鹽	4-5
Stripping 脫色性	(1)	×
	(2)	×
	(3)	○
	(4)	○
Discharge ability 拔染性	Neutral 中性	2
	Alkaline 鹼性	3

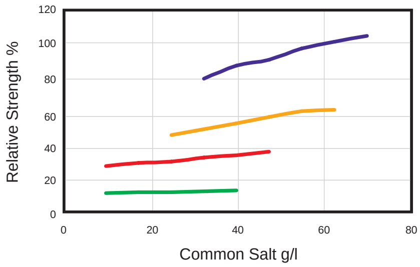
吸盡固著曲線 Exhaustion & Fixation



溫度依存性 Dependency on temperature



芒硝依存性 Dependency on Glauber's salt



Everzol Yellow NPN

EVERLIGHT

Fastness before fixing treatment 固色前牢度表

Fastness \ Evaluation		Depth of shade 染色濃度	Color change 變褪色	Staining 污染 Acetate 醋酸纖維	Staining 污染 Cotton 棉	Staining 污染 Nylon 尼龍	Staining 污染 Polyester 聚酯	Staining 污染 Acrylic 壓克力	Staining 污染 Wool 羊毛
Washing 耐水洗	ISO C02	3.0%	4-5	5	5	5	5	5	5
	ISO C03		4-5	5	4-5	5	5	5	5
	ISO C04		4-5	5	4	5	5	5	5
	ISO C06-C1S		4-5	5	4-5	5	5	5	5
	ISO C06-C2S		4-5	5	4-5	5	5	5	5
	M&S C4A		4-5	5	4-5	5	5	5	5
Water 耐水		3.0%	4-5	5	5	5	5	5	5
Hot Water 耐熱水		3.0%	4-5	5	5	4-5	5	5	5
Sea Water 耐海水		3.0%	4-5	5	5	5	5	5	5
Post mercerizing 後絲光		3.0%	4		4				
Acid hydrolysis 酸水解		3.0%	4-5	5	5	5	5	5	5
Perspiration 耐汗	Acid 酸	3.0%	4-5	5	5	5	5	5	5
	Alkali 鹼		4-5	5	5	5	5	5	5

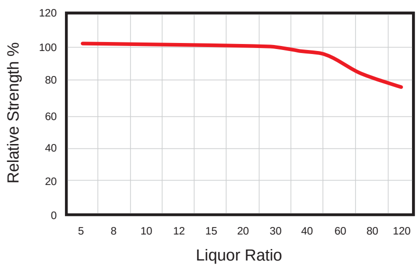
Fastness \ Evaluation			Depth of shade 染色濃度	Grade 級數
Chlorinated Water耐氯水(20ppm)			3.0%	2-3
Peroxide Bleaching雙氧水漂白				4
Rubbing 耐摩擦	Dry 乾		3.0%	5
	Wet 濕			3-4
M&S C9A 擬溼日光 (detergent Light)			0.3%	4-5
			3.0%	4-5
M&S C10A (UK-TO)			3.0%	4-5
Saliva (DIN) 耐唾液			3.0%	4-5
Hot-Pressing 耐熱壓	Dry 乾	Immediately	3.0%	3-4
		4 Hours after		4-5
	Wet 濕	Immediately	3.0%	3-4
		4 Hours after		4-5
Dry cleaning 耐乾洗			3.0%	4-5

Light Fastness 日光堅牢度

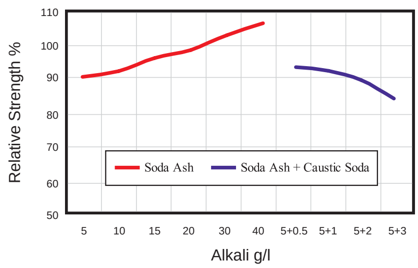
Evaluation	Dyeing Depth 染色濃度	Color Change 20 AFU	Grade ISO Blue Scale
Artificial Light (Xenon-Arc Lamp) 耐日光	0.1 %	3	4-5
	0.3 %	3-4	5
	1.0 %	4	5
	3.0 %	4	5-6
	6.0 %	4	5-6

Evaluation		Dyeing Depth 染色濃度	Color Change 20 AFU	Grade ISO Blue Scale
Perspiration Light 耐汗日光	Acid	3.0 %	4	5-6
	Alkali		4	5

浴比依存性 Dependency on Liquor ratio



鹼依存性 Dependency on alkali

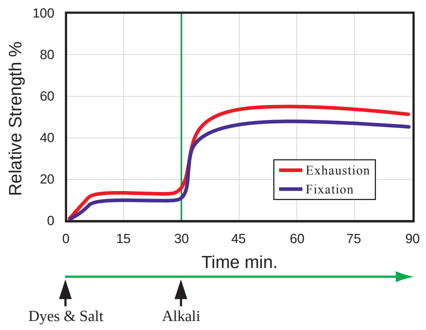


Everzol Golden Yellow RNL

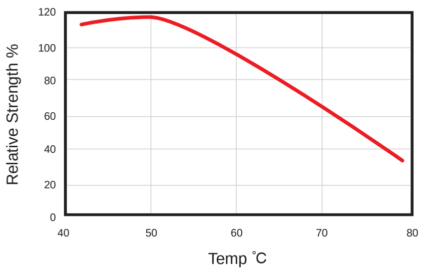
Dyeing Properties 特性

Characteristics		Evaluation
Reactivity 反應性		II
Substantivity 親和性		C
Migration 移染性		4-5
Washing off 洗淨性		5
Solubility g/l 溶解度	50℃ Water	100
	50℃ Water+50 g/l Salt	100
High temp. Dyeing 高溫染色性	Dyed fabric 色布	2-3
	Dye Liquor 染浴	4
Color constancy 色恆性	Tungsten Lamp	B
	TL 84 Lamp	B
Metallic ions 金屬離子	Fe++ 鐵	4-5
	Cu++ 銅	4-5
Resin finishing 樹脂加工	Melamine 三聚氰胺	4-5
	Glyoxal 乙二醛	4-5
Shade change after fixing treatment 固色後變色性	Polyamide 聚乙醯胺	4-5
	Quaternary ammonium salt 四級胺鹽	4-5
Stripping 脫色性	(1)	△
	(2)	○
	(3)	○
	(4)	○
Discharge ability 拔染性	Neutral 中性	4-5
	Alkaline 鹼性	4-5

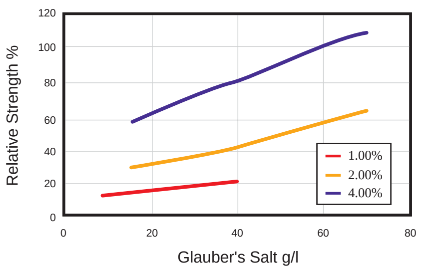
吸盡固著曲線 Exhaustion & Fixation



溫度依存性 Dependency on temperature



芒硝依存性 Dependency on Glauber's salt



Everzol Golden Yellow RNL

EVERLIGHT

Fastness before fixing treatment 固色前牢度表

Fastness / Evaluation		Depth of shade 染色濃度	Color change 變褪色	Staining 污染: Acetate 醋酸纖維	Staining 污染: Cotton 棉	Staining 污染: Nylon 尼龍	Staining 污染: Polyester 聚酯	Staining 污染: Acrylic 壓克力	Staining 污染: Wool 羊毛
Washing 耐水洗	ISO C02	3.0%	5	5	5	5	5	5	5
	ISO C03		5	5	5	5	5	5	5
	ISO C04		4-5	5	4-5	4-5	5	5	2-3
	ISO C06-C1S		5	5	5	5	5	5	5
	ISO C06-C2S		4-5	5	5	5	5	5	3-4
	M&S C4A		5	5	5	5	5	5	5
Water 耐水		3.0%	4-5	5	5	5	4-5	5	5
Hot Water 耐熱水		3.0%	4-5	4-5	5	5	4-5	5	5
Sea Water 耐海水		3.0%	4-5	4-5	5	5	4-5	5	5
Post mercerizing 後絲光		3.0%	3-4R		4				
Acid hydrolysis 酸水解		3.0%	5	5	5	4	5	5	5
Perspiration 耐汗	Acid 酸	3.0%	5	5	5	4	5	5	5
	Alkali 鹼		5	5	5	4-5	5	5	5

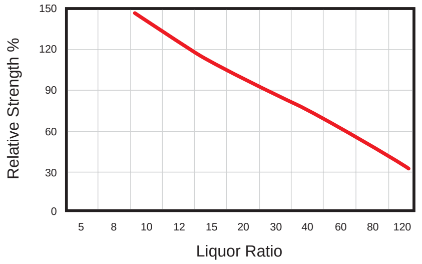
Fastness / Evaluation			Depth of shade 染色濃度	Grade 級數
Chlorinated Water耐氯水(20ppm)			3.0%	3
Peroxide Bleaching雙氧水漂白				4-5
Rubbing 耐摩擦	Dry 乾		3.0%	5
	Wet 濕			4
M&S C9A 擬溼日光 (detergent Light)			0.3%	4-5
			3.0%	4-5
M&S C10A (UK-TO)			3.0%	4-5
Saliva (DIN) 耐唾液			3.0%	5
Hot-Pressing 耐熱壓	Dry 乾	Immediately	3.0%	4
		4 Hours after		4
	Wet 濕	Immediately	3.0%	4
		4 Hours after		4
Dry cleaning 耐乾洗			3.0%	4-5

Light Fastness 日光堅牢度

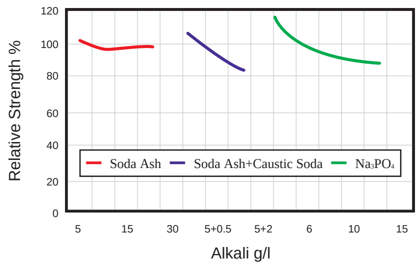
Evaluation	Dyeing Depth 染色濃度	Color Change 20 AFU	Grade ISO Blue Scale
Artificial Light (Xenon-Arc Lamp) 耐日光	0.1 %	3-4	4
	0.3 %	4	4-5
	1.0 %	4-5	5
	3.0 %	4-5	5-6
	6.0 %	5	5-6

Evaluation		Dyeing Depth 染色濃度	Color Change 20 AFU	Grade ISO Blue Scale
Perspiration Light 耐汗日光	Acid	3.0 %	4	5-6
	Alkali		4	5-6

浴比依存性 Dependency on Liquor ratio



鹼依存性 Dependency on alkali

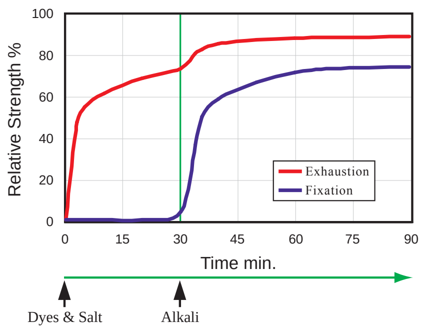


Everzol Yellow 3RS

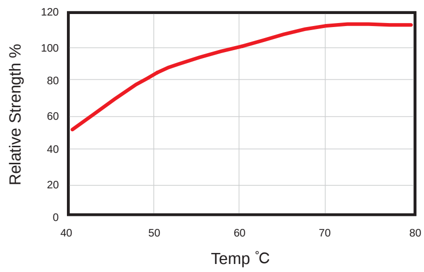
Dyeing Properties 特性

Characteristics		Evaluation
Reactivity 反應性		II
Substantivity 親和性		A
Migration 移染性		4-5
Washing off 洗淨性		4
Solubility g/l 溶解度	50℃ Water	120
	50℃ Water+50 g/l Salt	120
High temp. Dyeing 高溫染色性	Dyed fabric 色布	1-2
	Dye Liquor 染浴	1-2
Color constancy 色恆性	Tungsten Lamp	Y
	TL 84 Lamp	Y
Metallic ions 金屬離子	Fe++ 鐵	4-5
	Cu++ 銅	4 G
Resin finishing 樹脂加工	Melamine 三聚氰胺	4-5
	Glyoxal 乙二醛	5
Shade change after fixing treatment 固色後變色性	Polyamide 聚乙醯胺	5
	Quaternary ammonium salt 四級胺鹽	5
Stripping 脫色性	(1)	×
	(2)	△
	(3)	×
	(4)	△
Discharge ability 拔染性	Neutral 中性	4
	Alkaline 鹼性	3-4

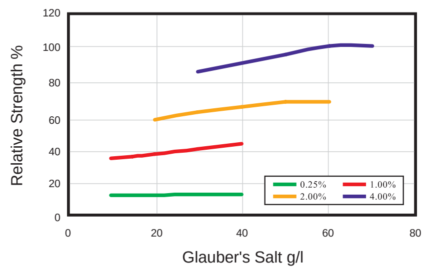
吸盡固著曲線 Exhaustion & Fixation



溫度依存性 Dependency on temperature



芒硝依存性 Dependency on Glauber's salt



Everzol Yellow 3RS

EVERLIGHT

Fastness before fixing treatment 固色前牢度表

Fastness / Evaluation		Depth of shade 染色濃度	Color change 變褪色	Staining 污染: Acetate 醋酸纖維	Staining 污染: Cotton 棉	Staining 污染: Nylon 尼龍	Staining 污染: Polyester 聚酯	Staining 污染: Acrylic 壓克力	Staining 污染: Wool 羊毛
Washing 耐水洗	ISO C02	3.0%	5	5	4-5	5	5	5	5
	ISO C03		5	5	4-5	5	5	5	5
	ISO C04		5	5	3	5	5	5	5
	ISO C06-C1S		4-5	5	4-5	5	5	5	5
	ISO C06-C2S		5	5	4-5	5	5	5	5
	M&S C4A		4-5	5	5	5	5	5	5
Water 耐水		3.0%	5	5	5	5	5	5	5
Hot Water 耐熱水		3.0%	5	5	5	5	5	5	5
Sea Water 耐海水		3.0%	5	5	5	5	5	5	5
Post mercerizing 後絲光		3.0%	4R		4				
Acid hydrolysis 酸水解		3.0%	4-5	5	4-5	5	5	5	5
Perspiration 耐汗	Acid 酸	3.0%	5	5	5	5	5	5	5
	Alkali 鹼		5	5	5	5	5	5	5

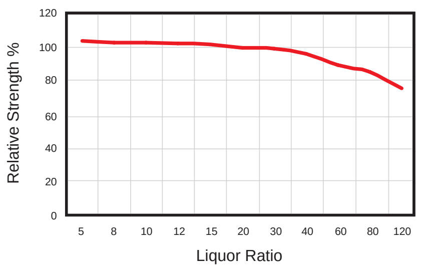
Fastness / Evaluation			Depth of shade 染色濃度	Grade 級數
Chlorinated Water耐氯水(20ppm)			3.0%	5
Peroxide Bleaching雙氧水漂白				4
Rubbing 耐摩擦	Dry 乾		3.0%	5
	Wet 濕			4
M&S C9A 擬溼日光 (detergent Light)			0.3%	>4-5
			3.0%	>4-5
M&S C10A (UK-TO)			3.0%	4-5
Saliva (DIN) 耐唾液			3.0%	5
Hot-Pressing 耐熱壓	Dry 乾	Immediately	3.0%	4
		4 Hours after		4-5
	Wet 濕	Immediately	3.0%	4
		4 Hours after		4-5
Dry cleaning 耐乾洗			3.0%	4-5

Light Fastness 日光堅牢度

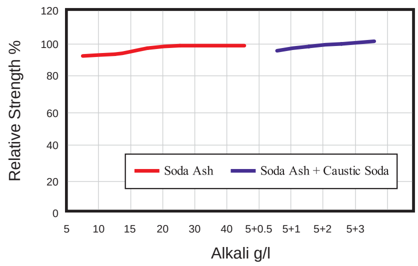
Evaluation	Dyeing Depth 染色濃度	Color Change 20 AFU	Grade ISO Blue Scale
Artificial Light (Xenon-Arc Lamp) 耐日光	0.1 %	4	5-6
	0.3 %	4-5	6
	1.0 %	>4-5	>6
	3.0 %	>4-5	>6
	6.0 %	>4-5	>6

Evaluation		Dyeing Depth 染色濃度	Color Change 20 AFU	Grade ISO Blue Scale
Perspiration Light 耐汗日光	Acid	3.0 %	4-5	>6
	Alkali		4-5	5

浴比依存性 Dependency on Liquor ratio



鹼依存性 Dependency on alkali



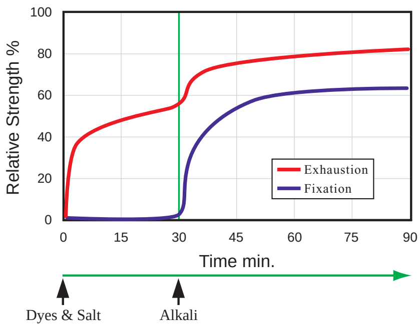
EVERLIGHT

Everzol Orange 2R

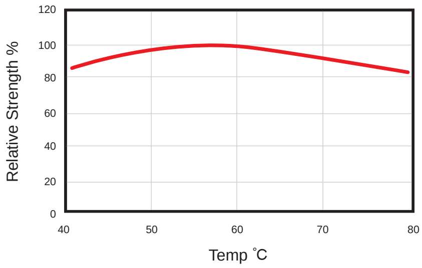
Dyeing Properties 特性

Characteristics		Evaluation
Reactivity 反應性		Ⅱ
Substantivity 親和性		A
Migration 移染性		3-4
Washing off 洗淨性		3-4
Solubility g/l 溶解度	50℃ Water	100
	50℃ Water+50 g/l Salt	100
High temp. Dyeing 高溫染色性	Dyed fabric 色布	3-4
	Dye Liquor 染浴	4-5
Color constancy 色恆性	Tungsten Lamp	Y
	TL 84 Lamp	Y
Metallic ions 金屬離子	Fe++ 鐵	4-5
	Cu++ 銅	1B
Resin finishing 樹脂加工	Melamine 三聚氰胺	4
	Glyoxal 乙二醛	4-5
Shade change after fixing treatment 固色後變色性	Polyamide 聚乙醯胺	4
	Quaternary ammonium salt 四級胺鹽	4-5
Stripping 脫色性	(1)	×
	(2)	○
	(3)	○
	(4)	○
Discharge ability 拔染性	Neutral 中性	3-4
	Alkaline 鹼性	3-4

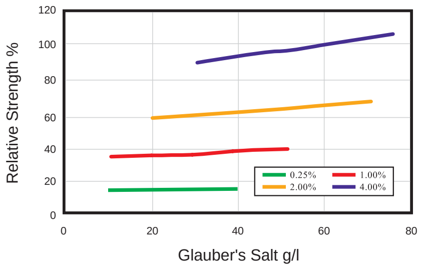
吸盡固著曲線 Exhaustion & Fixation



溫度依存性 Dependency on temperature



芒硝依存性 Dependency on Glauber's salt



Everzol Orange 2R

EVERLIGHT

Fastness before fixing treatment 固色前牢度表

Evaluation / Fastness		Depth of shade 染色濃度	Color change 變褪色	Staining 污染: Acetate 醋酸纖維	Staining 污染: Cotton 棉	Staining 污染: Nylon 尼龍	Staining 污染: Polyester 聚酯	Staining 污染: Acrylic 壓克力	Staining 污染: Wool 羊毛
Washing 耐水洗	ISO C02	3.0%	4-5	5	4	5	5	5	5
	ISO C03		4-5	5	3-4	5	5	5	5
	ISO C04		4-5	5	3	5	5	5	3
	ISO C06-C1S		4-5	5	3-4	5	5	5	5
	ISO C06-C2S		4-5	5	3-4	5	5	5	5
	M&S C4A		4-5	5	4	5	5	5	5
Water 耐水		3.0%	4-5	5	4-5	5	5	5	5
Hot Water 耐熱水		3.0%	4-5	5	4-5	2-3	4-5	5	5
Sea Water 耐海水		3.0%	4-5	5	5	5	5	5	5
Post mercerizing 後絲光		3.0%	3-4		3-4				
Acid hydrolysis 酸水解		3.0%	4-5	5	5	5	5	5	5
Perspiration 耐汗	Acid 酸	3.0%	4-5	5	4-5	4-5	5	5	5
	Alkali 鹼		4-5	5	4-5	4-5	5	5	5

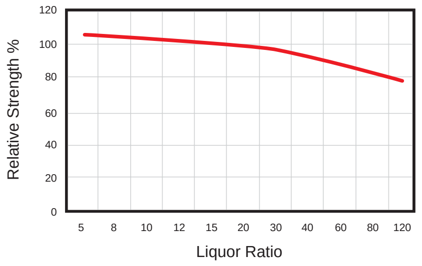
Evaluation / Fastness			Depth of shade 染色濃度	Grade 級數
Chlorinated Water耐氯水(20ppm)			3.0%	4-5
Peroxide Bleaching雙氧水漂白				4-5
Rubbing 耐摩擦	Dry 乾		3.0%	4-5
	Wet 濕			2-3
M&S C9A 擬溼日光 (detergent Light)			0.3%	4-5
			3.0%	4-5
M&S C10A (UK-TO)			3.0%	4-5
Saliva (DIN) 耐唾液			3.0%	4-5
Hot-Pressing 耐熱壓	Dry 乾	Immediately	3.0%	4-5
		4 Hours after		4-5
	Wet 濕	Immediately	3.0%	4-5
		4 Hours after		4-5
Dry cleaning 耐乾洗			3.0%	4-5

Light Fastness 日光堅牢度

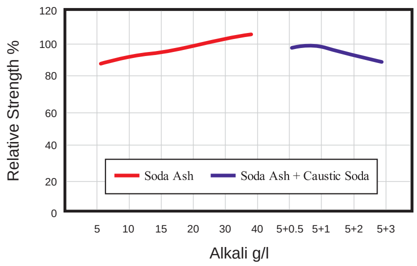
Evaluation	Dyeing Depth 染色濃度	Color Change 20 AFU	Grade ISO Blue Scale
Artificial Light (Xenon-Arc Lamp) 耐日光	0.1 %	2-3	4
	0.3 %	3	4-5
	1.0 %	3-4	5
	3.0 %	3-4	5-6
	6.0 %	*	6

Evaluation		Dyeing Depth 染色濃度	Color Change 20 AFU	Grade ISO Blue Scale
Perspiration Light 耐汗日光	Acid	3.0 %	3	5
	Alkali		3	4

浴比依存性 Dependency on Liquor ratio



鹼依存性 Dependency on alkali

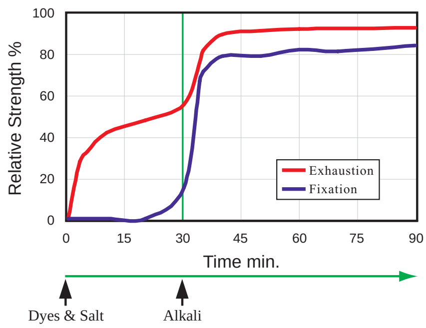


Everzol Scarlet 3GF

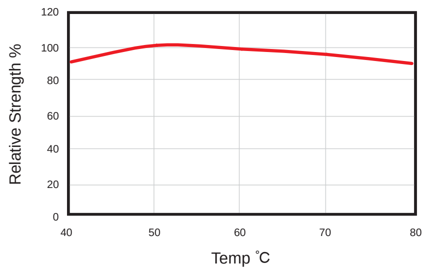
Dyeing Properties 特性

Characteristics		Evaluation
Reactivity 反應性		Ⅱ
Substantivity 親和性		A
Migration 移染性		1-2
Washing off 洗淨性		4
Solubility g/l 溶解度	50℃ Water	100
	50℃ Water+50 g/l Salt	100
High temp. Dyeing 高溫染色性	Dyed fabric 色布	3-4
	Dye Liquor 染浴	5
Color constancy 色恆性	Tungsten Lamp	R (Y)
	TL 84 Lamp	Y
Metallic ions 金屬離子	Fe++ 鐵	4-5
	Cu++ 銅	1
Resin finishing 樹脂加工	Melamine 三聚氰胺	4-5
	Glyoxal 乙二醛	4-5
Shade change after fixing treatment 固色後變色性	Polyamide 聚乙醯胺	4
	Quaternary ammonium salt 四級胺鹽	4-5
Stripping 脫色性	(1)	×
	(2)	×
	(3)	△
	(4)	×
Discharge ability 拔染性	Neutral 中性	2
	Alkaline 鹼性	2

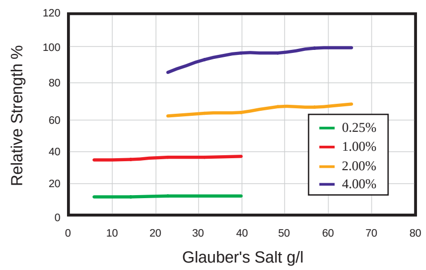
吸盡固著曲線 Exhaustion & Fixation



溫度依存性 Dependency on temperature



芒硝依存性 Dependency on Glauber's salt



Everzol Scarlet 3GF

EVERLIGHT

Fastness before fixing treatment 固色前牢度表

Fastness		Depth of shade 染色濃度	Color change 變褪色	Staining 污染: Acetate 醋酸纖維	Staining 污染: Cotton 棉	Staining 污染: Nylon 尼龍	Staining 污染: Polyester 聚酯	Staining 污染: Acrylic 壓克力	Staining 污染: Wool 羊毛
Washing 耐水洗	ISO C02	3.0%	5	5	4	5	5	5	5
	ISO C03		4-5	5	3-4	5	5	5	5
	ISO C04		4-5	3-4	2	4-5	5	5	2-3
	ISO C06-C1S		4-5	5	2-3	5	5	5	5
	ISO C06-C2S		4-5	5	2-3	5	5	5	5
	M&S C4A		4-5	5	4	5	5	5	5
Water 耐水		3.0%	5	5	5	5	5	5	5
Hot Water 耐熱水		3.0%	5	5	4-5	4-5	5	5	5
Sea Water 耐海水		3.0%	5	5	5	5	5	5	5
Post mercerizing 後絲光		3.0%	4R(Y)		4				
Acid hydrolysis 酸水解		3.0%	5	5	4-5	4-5	5	5	5
Perspiration 耐汗	Acid 酸	3.0%	5	5	5	5	5	5	5
	Alkali 鹼		5	5	5	5	5	5	5

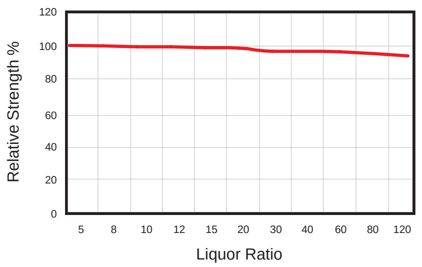
Fastness			Depth of shade 染色濃度	Grade 級數
Chlorinated Water耐氯水(20ppm)			3.0%	4-5
Peroxide Bleaching雙氧水漂白				4
Rubbing 耐摩擦	Dry 乾		3.0%	5
	Wet 濕			3
M&S C9A 擬溼日光 (detergent Light)			0.3%	4-5
			3.0%	>4-5
M&S C10A (UK-TO)			3.0%	4-5
Saliva (DIN) 耐唾液			3.0%	4-5
Hot-Pressing 耐熱壓	Dry 乾	Immediately	3.0%	1-2B
		4 Hours after		4-5
	Wet 濕	Immediately	3.0%	1-2B
		4 Hours after		4
Dry cleaning 耐乾洗			3.0%	4-5

Light Fastness 日光堅牢度

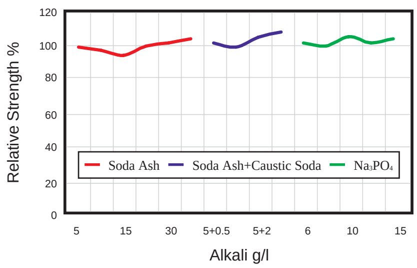
Evaluation	Dyeing Depth 染色濃度	Color Change 20 AFU	Grade ISO Blue Scale
Artificial Light (Xenon-Arc Lamp) 耐日光	0.1 %	2	3-4
	0.3 %	2-3	4
	1.0 %	3	4-5
	3.0 %	3-4	5
	6.0 %	3-4	5

Evaluation		Dyeing Depth 染色濃度	Color Change 20 AFU	Grade ISO Blue Scale
Perspiration Light 耐汗日光	Acid	3.0 %	3	5
	Alkali		2-3	4-5

浴比依存性 Dependency on Liquor ratio



鹼依存性 Dependency on alkali

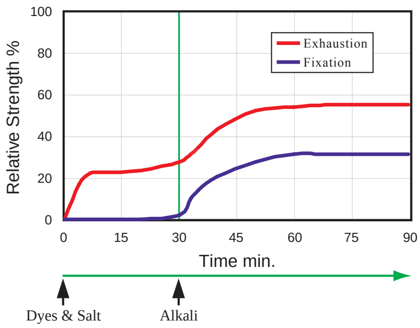


Everzol Orange 3R

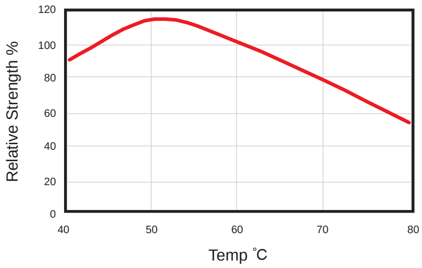
Dyeing Properties 特性

Characteristics		Evaluation
Reactivity 反應性		II
Substantivity 親和性		C
Migration 移染性		5
Washing off 洗淨性		4-5
Solubility g/l 溶解度	50℃ Water	100
	50℃ Water+50 g/l Salt	100
High temp. Dyeing 高溫染色性	Dyed fabric 色布	2 YD
	Dye Liquor 染浴	2-3 YD
Color constancy 色恆性	Tungsten Lamp	RD
	TL 84 Lamp	Y
Metallic ions 金屬離子	Fe++ 鐵	5
	Cu++ 銅	4-5
Resin finishing 樹脂加工	Melamine 三聚氰胺	4-5
	Glyoxal 乙二醛	5
Shade change after fixing treatment 固色後變色性	Polyamide 聚乙醯胺	4-5 Y
	Quaternary ammonium salt 四級胺鹽	5
Stripping 脫色性	(1)	×
	(2)	△
	(3)	○
	(4)	○
Discharge ability 拔染性	Neutral 中性	4-5
	Alkaline 鹼性	4-5

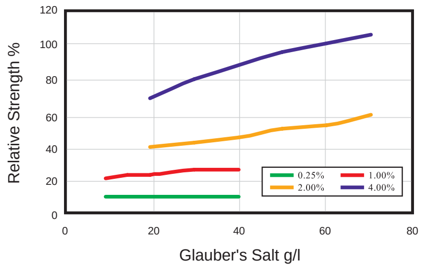
吸盡固著曲線 Exhaustion & Fixation



溫度依存性 Dependency on temperature



芒硝依存性 Dependency on Glauber's salt



Everzol Orange 3R

EVERLIGHT

Fastness before fixing treatment 固色前牢度表

Fastness \ Evaluation		Depth of shade 染色濃度	Color change 變褪色	Staining 污染: Acetate 醋酸纖維	Cotton 棉	Nylon 尼龍	Polyester 聚酯	Acrylic 壓克力	Wool 羊毛
Washing 耐水洗	ISO C02	3.0%	5	5	5	5	5	5	4-5
	ISO C03		4-5	5	4-5	5	5	5	4-5
	ISO C04		4-5	5	3	3-4	5	5	2
	ISO C06-C1S		4-5	5	5	5	5	5	4-5
	ISO C06-C2S		5	5	5	5	5	5	5
	M&S C4A		4-5	5	5	5	5	5	4-5
Water 耐水		3.0%	5	5	5	5	5	5	5
Hot Water 耐熱水		3.0%	5	5	5	5	5	5	5
Sea Water 耐海水		3.0%	5	5	5	5	5	5	5
Post mercerizing 後絲光		3.0%	2-3R		4				
Acid hydrolysis 酸水解		3.0%	4-5	5	4	4	5	5	4-5
Perspiration 耐汗	Acid 酸	3.0%	5	5	5	5	5	5	5
	Alkali 鹼		5	5	5	5	5	5	5

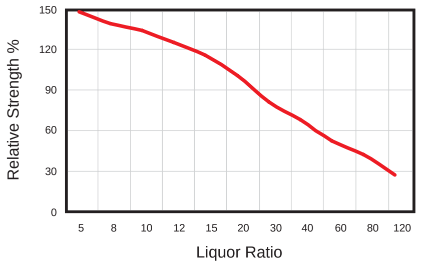
Fastness \ Evaluation			Depth of shade 染色濃度	Grade 級數
Chlorinated Water耐氯水(20ppm)			3.0%	3-4
Peroxide Bleaching雙氧水漂白				4-5
Rubbing 耐摩擦	Dry 乾		3.0%	5
	Wet 濕			3-4
M&S C9A 擬溼日光 (detergent Light)			0.3%	4-5
			3.0%	4-5
M&S C10A (UK-TO)			3.0%	3-4
Saliva (DIN) 耐唾液			3.0%	5
Hot-Pressing 耐熱壓	Dry 乾	Immediately	3.0%	4
		4 Hours after		4-5
	Wet 濕	Immediately	3.0%	4
		4 Hours after		4
Dry cleaning 耐乾洗			3.0%	4-5

Light Fastness 日光堅牢度

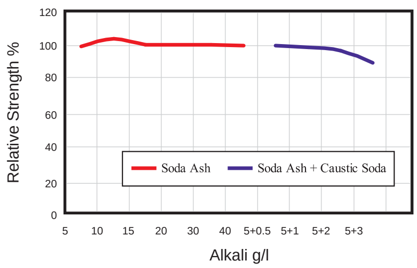
Evaluation	Dyeing Depth 染色濃度	Color Change 20 AFU	Grade ISO Blue Scale
Artificial Light (Xenon-Arc Lamp) 耐日光	0.1 %	2-3	4
	0.3 %	3	4
	1.0 %	3-4	5
	3.0 %	4	5-6
	6.0 %	4-5	>6

Evaluation		Dyeing Depth 染色濃度	Color Change 20 AFU	Grade ISO Blue Scale
Perspiration Light 耐汗日光	Acid	3.0 %	3-4	5
	Alkali		3	4-5

浴比依存性 Dependency on Liquor ratio



鹼依存性 Dependency on alkali



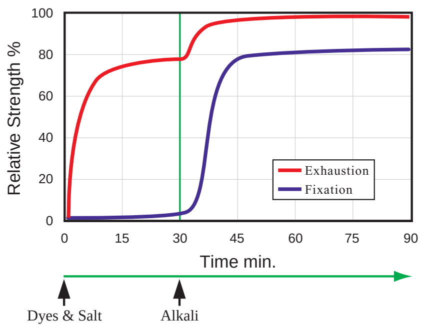
EVERLIGHT

Everzol Red LF-B

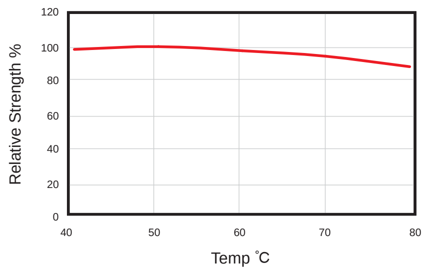
Dyeing Properties 特性

Characteristics		Evaluation
Reactivity 反應性		II
Substantivity 親和性		A
Migration 移染性		4-5
Washing off 洗淨性		4
Solubility g/l 溶解度	50℃ Water	100
	50℃ Water+50 g/l Salt	100
High temp. Dyeing 高溫染色性	Dyed fabric 色布	2
	Dye Liquor 染浴	2-3
Color constancy 色恆性	Tungsten Lamp	Y
	TL 84 Lamp	Y
Metallic ions 金屬離子	Fe++ 鐵	4
	Cu++ 銅	1
Resin finishing 樹脂加工	Melamine 三聚氰胺	4
	Glyoxal 乙二醛	2-3
Shade change after fixing treatment 固色後變色性	Polyamide 聚乙醯胺	4
	Quaternary ammonium salt 四級胺鹽	5
Stripping 脫色性	(1)	△
	(2)	△
	(3)	◯
	(4)	◯
Discharge ability 拔染性	Neutral 中性	4-5
	Alkaline 鹼性	4-5

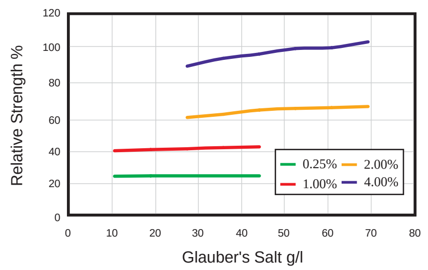
吸盡固著曲線 Exhaustion & Fixation



溫度依存性 Dependency on temperature



芒硝依存性 Dependency on Glauber's salt



Everzol Red LF-B

EVERLIGHT

Fastness before fixing treatment 固色前牢度表

Fastness \ Evaluation		Depth of shade 染色濃度	Color change 變褪色	Staining 污染: Acetate 醋酸纖維	Cotton 棉	Nylon 尼龍	Polyester 聚酯	Acrylic 壓克力	Wool 羊毛
Washing 耐水洗	ISO C02	1.0%	4-5	5	4-5	5	5	5	5
	ISO C03		4-5	5	4-5	5	5	5	5
	ISO C04		4-5	5	3	5	5	5	3
	ISO C06-C1S		4-5	5	4	5	5	5	5
	ISO C06-C2S		4-5	5	4-5	5	5	5	5
	M&S C4A		4-5	5	4-5	5	5	5	5
Water 耐水		1.0%	4-5	5	5	5	5	5	5
Hot Water 耐熱水		1.0%	4-5	5	5	4-5	5	5	5
Sea Water 耐海水		1.0%	4-5	5	5	5	5	5	5
Post mercerizing 後絲光		1.0%	3-4		4-5				
Acid hydrolysis 酸水解		1.0%	4-5	5	5	5	5	5	5
Perspiration 耐汗	Acid 酸	1.0%	4-5	5	5	5	5	5	5
	Alkali 鹼		4-5	5	5	5	5	5	5

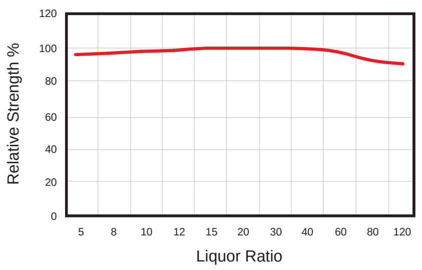
Fastness \ Evaluation			Depth of shade 染色濃度	Grade 級數
Chlorinated Water耐氯水(20ppm)			1.0%	3
Peroxide Bleaching雙氧水漂白				5
Rubbing 耐摩擦	Dry 乾		1.0%	5
	Wet 濕			4
M&S C9A 擬溼日光 (detergent Light)			0.1%	>4-5
			1.0%	>4-5
M&S C10A (UK-TO)			1.0%	4
Saliva (DIN) 耐唾液			1.0%	5
Hot-Pressing 耐熱壓	Dry 乾	Immediately	1.0%	4-5
		4 Hours after		4-5
	Wet 濕	Immediately	1.0%	4-5
		4 Hours after		4-5
Dry cleaning 耐乾洗			1.0%	4-5

Light Fastness 日光堅牢度

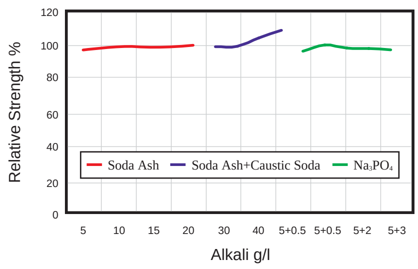
Evaluation	Dyeing Depth 染色濃度	Color Change 20 AFU	Grade ISO Blue Scale
Artificial Light (Xenon-Arc Lamp) 耐日光	0.1 %	3-4	4-5
	0.3 %	4	5
	1.0 %	4-5	5-6
	3.0 %	4-5	6
	6.0 %	4-5	6

Evaluation		Dyeing Depth 染色濃度	Color Change 20 AFU	Grade ISO Blue Scale
Perspiration Light 耐汗日光	Acid	1.0 %	4	5-6
	Alkali		3	5

浴比依存性 Dependency on Liquor ratio



鹼依存性 Dependency on alkali

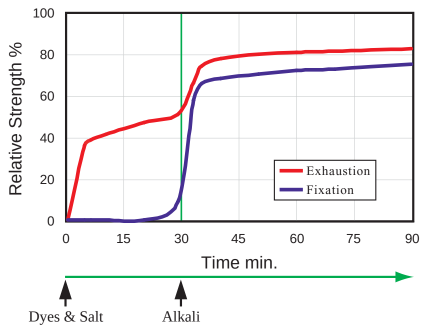


Everzol Red LF-2B

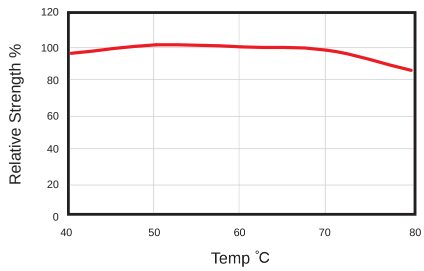
Dyeing Properties 特性

Characteristics		Evaluation
Reactivity 反應性		Ⅱ
Substantivity 親和性		A
Migration 移染性		4
Washing off 洗淨性		4
Solubility g/l 溶解度	50℃ Water	70
	50℃ Water+50 g/l Salt	70
High temp. Dyeing 高溫染色性	Dyed fabric 色布	3-4
	Dye Liquor 染浴	4-5
Color constancy 色恆性	Tungsten Lamp	Y
	TL 84 Lamp	Y
Metallic ions 金屬離子	Fe++ 鐵	4-5
	Cu++ 銅	1B
Resin finishing 樹脂加工	Melamine 三聚氰胺	4-5
	Glyoxal 乙二醛	4-5
Shade change after fixing treatment 固色後變色性	Polyamide 聚乙醯胺	4-5
	Quaternary ammonium salt 四級胺鹽	5
Stripping 脫色性	(1)	×
	(2)	○
	(3)	○
	(4)	○
Discharge ability 拔染性	Neutral 中性	4
	Alkaline 鹼性	4-5

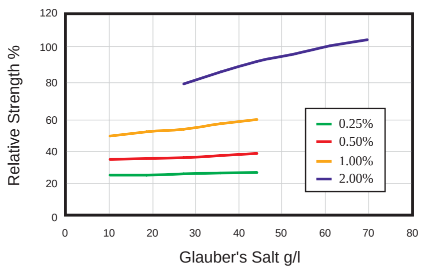
吸盡固著曲線 Exhaustion & Fixation



溫度依存性 Dependency on temperature



芒硝依存性 Dependency on Glauber's salt



Everzol Red LF-2B

EVERLIGHT

Fastness before fixing treatment 固色前牢度表

Fastness		Depth of shade 染色濃度	Color change 變褪色	Staining 污染: Acetate 醋酸纖維	Cotton 棉	Nylon 尼龍	Polyester 聚酯	Acrylic 壓克力	Wool 羊毛
Washing 耐水洗	ISO C02	1.0%	5	5	5	5	5	5	5
	ISO C03		4-5	5	5	5	5	5	5
	ISO C04		4-5	5	5	5	5	5	4
	ISO C06-C1S		5	5	5	5	5	5	5
	ISO C06-C2S		4-5	5	5	5	5	5	5
	M&S C4A		4-5	5	5	5	5	5	5
Water 耐水		1.0%	5	5	5	5	5	5	5
Hot Water 耐熱水		1.0%	4-5	5	5	5	5	5	5
Sea Water 耐海水		1.0%	5	5	5	5	5	5	5
Post mercerizing 後絲光		1.0%	3-4B		4-5				
Acid hydrolysis 酸水解		1.0%	5	5	5	5	5	5	5
Perspiration 耐汗	Acid 酸	1.0%	5	5	5	5	5	5	5
	Alkali 鹼		5	5	5	5	5	5	5

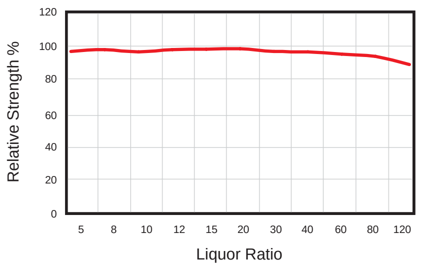
Fastness			Depth of shade 染色濃度	Grade 級數
Chlorinated Water耐氯水(20ppm)			1.0%	2-3
Peroxide Bleaching雙氧水漂白				3-4
Rubbing 耐摩擦	Dry 乾		1.0%	5
	Wet 濕			5
M&S C9A 擬溼日光 (detergent Light)			0.1%	>4-5
			1.0%	>4-5
M&S C10A (UK-TO)			1.0%	4
Saliva (DIN) 耐唾液			1.0%	4-5
Hot-Pressing 耐熱壓	Dry 乾	Immediately	1.0%	2-3
		4 Hours after		4-5
	Wet 濕	Immediately	1.0%	3
		4 Hours after		4-5
Dry cleaning 耐乾洗			1.0%	4-5

Light Fastness 日光堅牢度

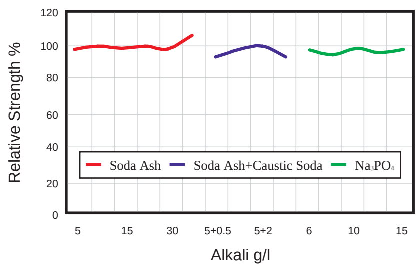
Evaluation	Dyeing Depth 染色濃度	Color Change 20 AFU	Grade ISO Blue Scale
Artificial Light (Xenon-Arc Lamp) 耐日光	0.1 %	4	5-6
	0.3 %	4	6
	1.0 %	4-5	>6
	3.0 %	4-5	>6
	6.0 %	*	*

Evaluation		Dyeing Depth 染色濃度	Color Change 20 AFU	Grade ISO Blue Scale
Perspiration Light 耐汗日光	Acid	1.0 %	4	6
	Alkali		3-4	5

浴比依存性 Dependency on Liquor ratio



鹼依存性 Dependency on alkali



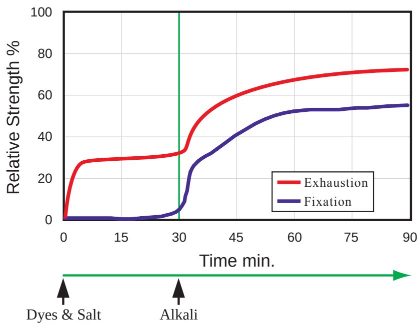
EVERLIGHT

Everzol Red C-3B

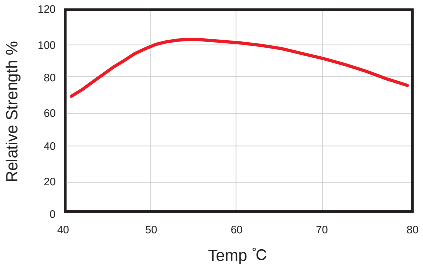
Dyeing Properties 特性

Characteristics		Evaluation
Reactivity 反應性		II
Substantivity 親和性		B
Migration 移染性		4-5
Washing off 洗淨性		4-5
Solubility g/l 溶解度	50℃ Water	100
	50℃ Water+50 g/l Salt	100
High temp. Dyeing 高溫染色性	Dyed fabric 色布	2
	Dye Liquor 染浴	2
Color constancy 色恆性	Tungsten Lamp	B
	TL 84 Lamp	B
Metallic ions 金屬離子	Fe++ 鐵	4-5
	Cu++ 銅	4-5
Resin finishing 樹脂加工	Melamine 三聚氰胺	4-5
	Glyoxal 乙二醛	4-5
Shade change after fixing treatment 固色後變色性	Polyamide 聚乙醯胺	4 B
	Quaternary ammonium salt 四級胺鹽	4 B
Stripping 脫色性	(1)	△
	(2)	△
	(3)	△
	(4)	△
Discharge ability 拔染性	Neutral 中性	4-5
	Alkaline 鹼性	4-5

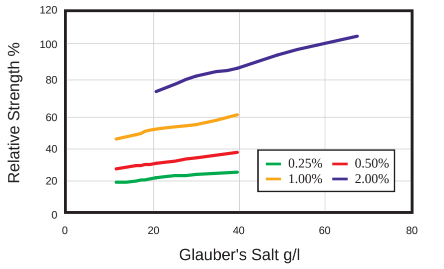
吸盡固著曲線 Exhaustion & Fixation



溫度依存性 Dependency on temperature



芒硝依存性 Dependency on Glauber's salt



Everzol Red C-3B

EVERLIGHT

Fastness before fixing treatment 固色前牢度表

Fastness		Depth of shade 染色濃度	Color change 變褪色	Staining 污染 Acetate 醋酸纖維	Cotton 棉	Nylon 尼龍	Polyester 聚酯	Acrylic 壓克力	Wool 羊毛
Washing 耐水洗	ISO C02	1.0%	4-5	5	5	5	5	5	5
	ISO C03		4-5	5	5	5	5	5	5
	ISO C04		4	5	5	5	5	5	4-5
	ISO C06-C1S		4-5	5	5	5	5	5	5
	ISO C06-C2S		4-5	5	5	5	5	5	5
	M&S C4A		4-5	5	5	5	5	5	5
Water 耐水		1.0%	4-5	5	5	5	5	5	5
Hot Water 耐熱水		1.0%	5	5	5	5	5	5	5
Sea Water 耐海水		1.0%	4-5	5	5	5	5	5	5
Post mercerizing 後絲光		1.0%	3		5				
Acid hydrolysis 酸水解		1.0%	4-5	5	5	5	5	5	5
Perspiration 耐汗	Acid 酸	1.0%	4-5	5	5	5	5	5	5
	Alkali 鹼		4	5	5	5	5	5	5

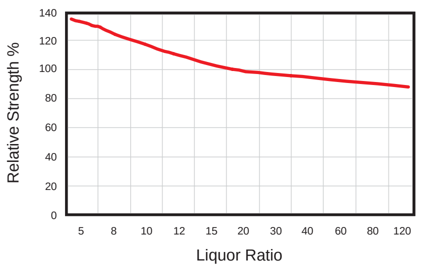
Fastness			Depth of shade 染色濃度	Grade 級數
Chlorinated Water耐氯水(20ppm)			1.0%	4-5
Peroxide Bleaching雙氧水漂白				2
Rubbing 耐摩擦	Dry 乾		1.0%	5
	Wet 濕			4
M&S C9A 擬溼日光 (detergent Light)			0.3%	4-5
			1.0%	4-5
M&S C10A (UK-TO)			1.0%	4
Saliva (DIN) 耐唾液			1.0%	4-5
Hot-Pressing 耐熱壓	Dry 乾	Immediately	1.0%	4
		4 Hours after		5
	Wet 濕	Immediately	1.0%	3-4
		4 Hours after		4-5
Dry cleaning 耐乾洗			1.0%	4-5

Light Fastness 日光堅牢度

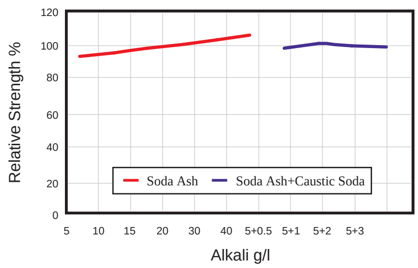
Evaluation	Dyeing Depth 染色濃度	Color Change 20 AFU	Grade ISO Blue Scale
Artificial Light (Xenon-Arc Lamp) 耐日光	0.1 %	4	5
	0.3 %	4	5-6
	1.0 %	>4-5	6
	3.0 %	>4-5	>6
	6.0 %	*	*

Evaluation		Dyeing Depth 染色濃度	Color Change 20 AFU	Grade ISO Blue Scale
Perspiration Light 耐汗日光	Acid	1.0 %	3	4-5
	Alkali		2-3	3-4

浴比依存性 Dependency on Liquor ratio



鹼依存性 Dependency on alkali

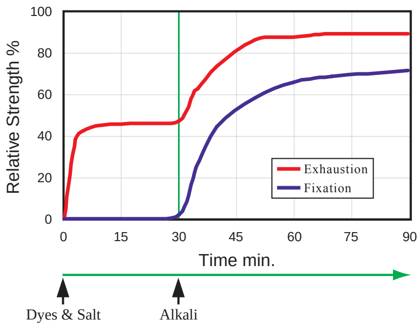


Everzol Red F2B

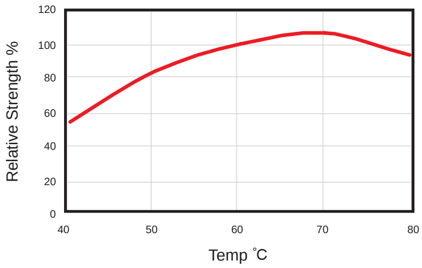
Dyeing Properties 特性

Characteristics		Evaluation
Reactivity 反應性		II
Substantivity 親和性		B
Migration 移染性		5
Washing off 洗淨性		3-4
Solubility g/l 溶解度	50℃ Water	50
	50℃ Water+50 g/l Salt	50
High temp. Dyeing 高溫染色性	Dyed fabric 色布	3 B
	Dye Liquor 染浴	4 B
Color constancy 色恆性	Tungsten Lamp	Y
	TL 84 Lamp	B
Metallic ions 金屬離子	Fe++ 鐵	5
	Cu++ 銅	4
Resin finishing 樹脂加工	Melamine 三聚氰胺	3 B
	Glyoxal 乙二醛	4-5
Shade change after fixing treatment 固色後變色性	Polyamide 聚乙醯胺	4-5
	Quaternary ammonium salt 四級胺鹽	5
Stripping 脫色性	(1)	×
	(2)	○
	(3)	○
	(4)	○
Discharge ability 拔染性	Neutral 中性	1-2
	Alkaline 鹼性	2

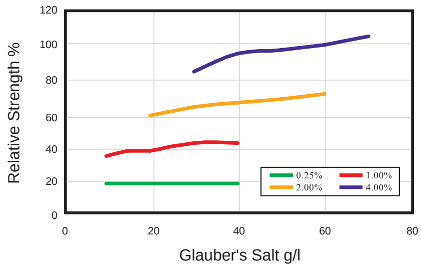
吸盡固著曲線 Exhaustion & Fixation



溫度依存性 Dependency on temperature



芒硝依存性 Dependency on Glauber's salt



Everzol Red F2B

EVERLIGHT

Fastness before fixing treatment 固色前牢度表

Fastness		Depth of shade 染色濃度	Color change 變褪色	Staining 污染 Acetate 醋酸纖維	Cotton 棉	Nylon 尼龍	Polyester 聚酯	Acrylic 壓克力	Wool 羊毛
Washing 耐水洗	ISO C02	3.0%	5	5	5	5	5	5	5
	ISO C03		4-5	5	5	5	5	5	5
	ISO C04		5	5	3	5	5	5	3
	ISO C06-C1S		4-5	5	4-5	5	5	5	5
	ISO C06-C2S		4-5	5	5	5	5	5	5
	M&S C4A		4-5	5	5	5	5	5	5
Water 耐水		3.0%	5	5	4-5	4-5	5	5	5
Hot Water 耐熱水		3.0%	4-5	4-5	5	5	5	5	5
Sea Water 耐海水		3.0%	4-5	5	4-5	5	5	5	5
Post mercerizing 後絲光		3.0%	4Y		2-3				
Acid hydrolysis 酸水解		3.0%	4-5	4-5	5	5	5	5	4-5
Perspiration 耐汗	Acid 酸	3.0%	4-5	5	5	5	5	5	5
	Alkali 鹼		5	4-5	4-5	5	5	5	5

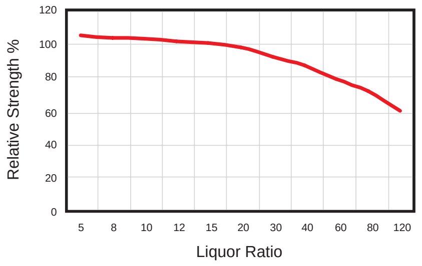
Fastness			Depth of shade 染色濃度	Grade 級數
Chlorinated Water耐氯水(20ppm)			3.0%	4-5
Peroxide Bleaching雙氧水漂白				3-4
Rubbing 耐摩擦	Dry 乾		3.0%	5
	Wet 濕			2-3
M&S C9A 擬溼日光 (detergent Light)			0.3%	>4-5
			3.0%	>4-5
M&S C10A (UK-TO)			3.0%	4-5
Saliva (DIN) 耐唾液			3.0%	4-5
Hot-Pressing 耐熱壓	Dry 乾	Immediately	3.0%	5
		4 Hours after		5
	Wet 濕	Immediately	3.0%	4-5
		4 Hours after		4-5
Dry cleaning 耐乾洗			3.0%	4-5

Light Fastness 日光堅牢度

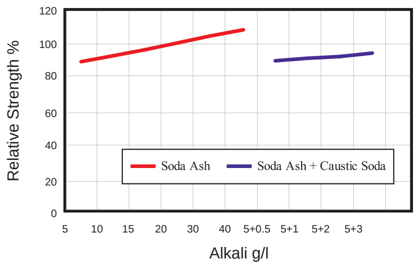
Evaluation	Dyeing Depth 染色濃度	Color Change 20 AFU	Grade ISO Blue Scale
Artificial Light (Xenon-Arc Lamp) 耐日光	0.1 %	2-3	4
	0.3 %	3	4
	1.0 %	4	5
	3.0 %	4-5	5-6
	6.0 %	>4-5	6

Evaluation		Dyeing Depth 染色濃度	Color Change 20 AFU	Grade ISO Blue Scale
Perspiration Light 耐汗日光	Acid	3.0 %	4	5-6
	Alkali		2-3	3-4

浴比依存性 Dependency on Liquor ratio



鹼依存性 Dependency on alkali



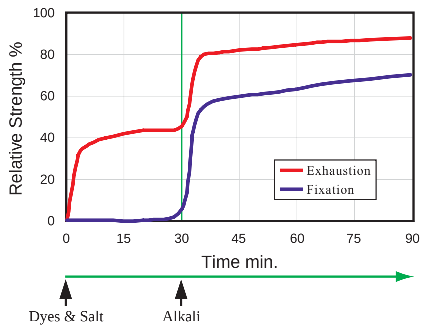
EVERLIGHT

Everzol Red RBN

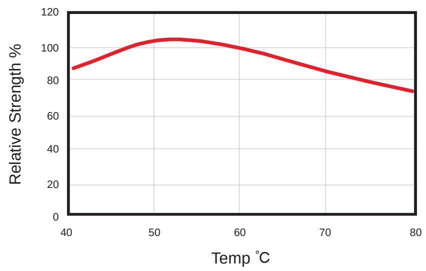
Dyeing Properties 特性

Characteristics		Evaluation
Reactivity 反應性		I
Substantivity 親和性		B
Migration 移染性		3-4
Washing off 洗淨性		4
Solubility g/l 溶解度	50℃ Water	80
	50℃ Water+50 g/l Salt	80
High temp. Dyeing 高溫染色性	Dyed fabric 色布	2-3
	Dye Liquor 染浴	3
Color constancy 色恆性	Tungsten Lamp	R
	TL 84 Lamp	R
Metallic ions 金屬離子	Fe++ 鐵	4-5 B
	Cu++ 銅	4 B
Resin finishing 樹脂加工	Melamine 三聚氰胺	4-5 B
	Glyoxal 乙二醛	4-5 B
Shade change after fixing treatment 固色後變色性	Polyamide 聚乙醯胺	4 B
	Quaternary ammonium salt 四級胺鹽	4 B
Stripping 脫色性	(1)	×
	(2)	×
	(3)	△
	(4)	△
Discharge ability 拔染性	Neutral 中性	2
	Alkaline 鹼性	2

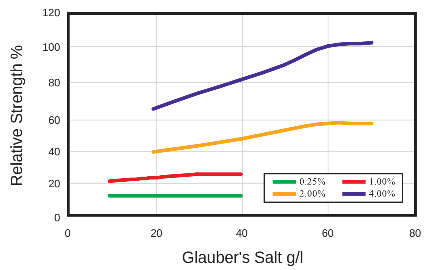
吸盡固著曲線 Exhaustion & Fixation



溫度依存性 Dependency on temperature



芒硝依存性 Dependency on Glauber's salt



Everzol Red RBN

EVERLIGHT

Fastness before fixing treatment 固色前牢度表

Fastness		Depth of shade 染色濃度	Color change 變褪色	Staining 污染 Acetate 醋酸纖維	Cotton 棉	Nylon 尼龍	Polyester 聚酯	Acrylic 壓克力	Wool 羊毛
Washing 耐水洗	ISO C02	3.0%	5	5	5	5	5	5	5
	ISO C03		4-5	5	4-5	5	5	5	5
	ISO C04		4-5	5	2-3	5	5	5	3
	ISO C06-C1S		4-5	5	4-5	5	5	5	5
	ISO C06-C2S		4-5	5	4-5	5	5	5	5
	M&S C4A		4-5	5	5	5	5	5	5
Water 耐水		3.0%	5	5	5	5	5	5	5
Hot Water 耐熱水		3.0%	4-5	5	4-5	5	5	5	5
Sea Water 耐海水		3.0%	5	5	5	5	5	5	5
Post mercerizing 後絲光		3.0%	1-2Y		3-4				
Acid hydrolysis 酸水解		3.0%	4	5	5	4	5	5	5
Perspiration 耐汗	Acid 酸	3.0%	5	5	5	5	5	5	5
	Alkali 鹼		4-5	5	5	5	5	5	5

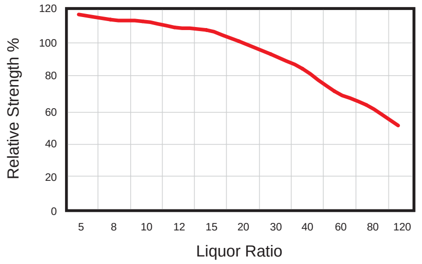
Fastness			Depth of shade 染色濃度	Grade 級數
Chlorinated Water耐氯水(20ppm)			3.0%	3
Peroxide Bleaching雙氧水漂白				3-4
Rubbing 耐摩擦	Dry 乾		3.0%	4-5
	Wet 濕			3
M&S C9A 擬溼日光 (detergent Light)			0.3%	4-5
			3.0%	4-5
M&S C10A (UK-TO)			3.0%	2-3
Saliva (DIN) 耐唾液			3.0%	5
Hot-Pressing 耐熱壓	Dry 乾	Immediately	3.0%	4-5
		4 Hours after		5
	Wet 濕	Immediately	3.0%	4
		4 Hours after		4-5
Dry cleaning 耐乾洗			3.0%	4-5

Light Fastness 日光堅牢度

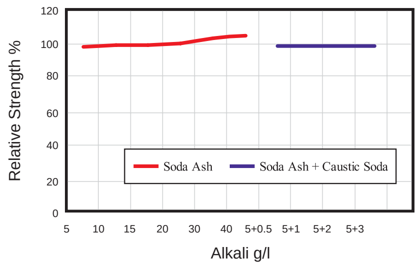
Evaluation	Dyeing Depth 染色濃度	Color Change 20 AFU	Grade ISO Blue Scale
Artificial Light (Xenon-Arc Lamp) 耐日光	0.1 %	2	4-5
	0.3 %	2-3	4-5
	1.0 %	3	5-6
	3.0 %	3-4	5-6
	6.0 %	4	6

Evaluation		Dyeing Depth 染色濃度	Color Change 20 AFU	Grade ISO Blue Scale
Perspiration Light 耐汗日光	Acid	3.0 %	3-4	5
	Alkali		2	3

浴比依存性 Dependency on Liquor ratio



鹼依存性 Dependency on alkali

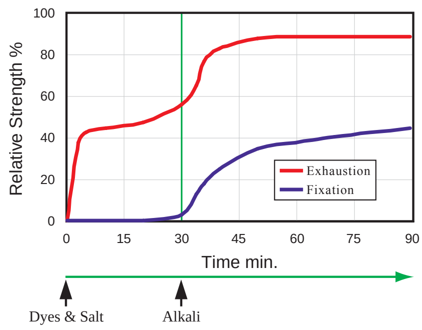


Everzol Red BB

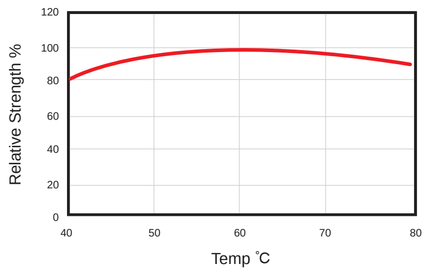
Dyeing Properties 特性

Characteristics		Evaluation
Reactivity 反應性		II
Substantivity 親和性		A
Migration 移染性		4
Washing off 洗淨性		2-3
Solubility g/l 溶解度	50℃ Water	100
	50℃ Water+50 g/l Salt	100
High temp. Dyeing 高溫染色性	Dyed fabric 色布	3-4 B
	Dye Liquor 染浴	3-4
Color constancy 色恆性	Tungsten Lamp	R
	TL 84 Lamp	R
Metallic ions 金屬離子	Fe++ 鐵	4 B
	Cu++ 銅	2 B
Resin finishing 樹脂加工	Melamine 三聚氰胺	4-5 B
	Glyoxal 乙二醛	4-5 B
Shade change after fixing treatment 固色後變色性	Polyamide 聚乙醯胺	4-5
	Quaternary ammonium salt 四級胺鹽	4-5
Stripping 脫色性	(1)	×
	(2)	×
	(3)	△
	(4)	△
Discharge ability 拔染性	Neutral 中性	4-5
	Alkaline 鹼性	4-5

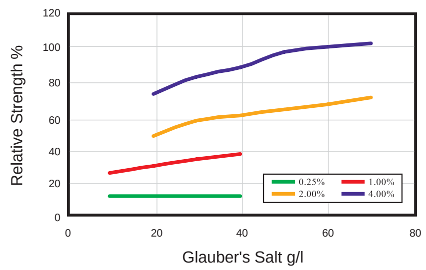
吸盡固著曲線 Exhaustion & Fixation



溫度依存性 Dependency on temperature



芒硝依存性 Dependency on Glauber's salt



Everzol Red BB

EVERLIGHT

Fastness before fixing treatment 固色前牢度表

Fastness		Depth of shade 染色濃度	Color change 變褪色	Staining 污染 Acetate 醋酸纖維	Cotton 棉	Nylon 尼龍	Polyester 聚酯	Acrylic 壓克力	Wool 羊毛
Washing 耐水洗	ISO C02	3.0%	4-5	5	4-5	5	5	5	5
	ISO C03		4-5	5	4-5	5	5	5	5
	ISO C04		4	4-5	4	5	5	5	5
	ISO C06-C1S		4-5	5	4-5	5	5	5	5
	ISO C06-C2S		4-5	5	4	5	5	5	5
	M&S C4A		4-5	5	4-5	5	5	5	5
Water 耐水		3.0%	4-5	5	5	5	5	5	5
Hot Water 耐熱水		3.0%	5	5	5	5	5	5	5
Sea Water 耐海水		3.0%	4-5	5	5	5	5	5	5
Post mercerizing 後絲光		3.0%	2-3B		4				
Acid hydrolysis 酸水解		3.0%	4-5	5	4-5	4	5	5	5
Perspiration 耐汗	Acid 酸	3.0%	4-5	5	4-5	4-5	5	4-5	5
	Alkali 鹼		4-5	5	4-5	4-5	5	4-5	5

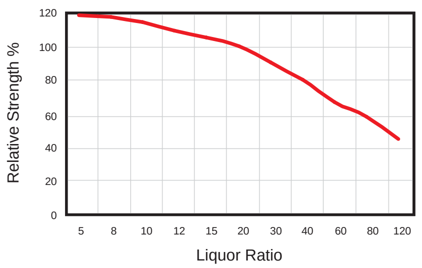
Fastness			Depth of shade 染色濃度	Grade 級數
Chlorinated Water耐氯水(20ppm)			3.0%	1-2B
Peroxide Bleaching雙氧水漂白				3B
Rubbing 耐摩擦	Dry 乾		3.0%	5
	Wet 濕			2-3
M&S C9A 擬溼日光 (detergent Light)			0.3%	3-4
			3.0%	3-4
M&S C10A (UK-TO)			3.0%	1
Saliva (DIN) 耐唾液			3.0%	5
Hot-Pressing 耐熱壓	Dry 乾	Immediately	3.0%	4
		4 Hours after		4-5
	Wet 濕	Immediately	3.0%	4
		4 Hours after		4-5
Dry cleaning 耐乾洗			3.0%	4-5

Light Fastness 日光堅牢度

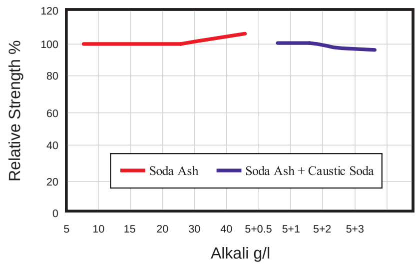
Evaluation	Dyeing Depth 染色濃度	Color Change 20 AFU	Grade ISO Blue Scale
Artificial Light (Xenon-Arc Lamp) 耐日光	0.1 %	3-4	5-6
	0.3 %	3-4	5-6
	1.0 %	4	5-6
	3.0 %	4	5-6
	6.0 %	4-5	6

Evaluation		Dyeing Depth 染色濃度	Color Change 20 AFU	Grade ISO Blue Scale
Perspiration Light 耐汗日光	Acid	3.0 %	2	5-6
	Alkali		1	3-4

浴比依存性 Dependency on Liquor ratio



鹼依存性 Dependency on alkali



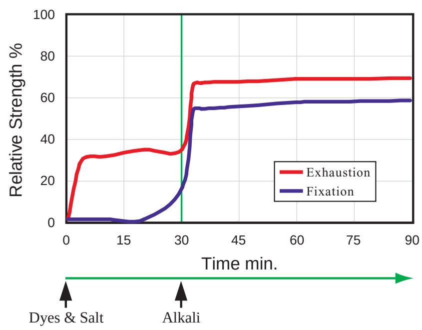
EVERLIGHT ®

Everzol Red F3B

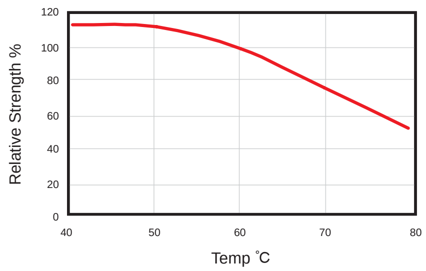
Dyeing Properties 特性

Characteristics		Evaluation
Reactivity 反應性		II
Substantivity 親和性		B
Migration 移染性		4-5
Washing off 洗淨性		5
Solubility g/l 溶解度	50℃ Water	100
	50℃ Water+50 g/l Salt	100
High temp. Dyeing 高溫染色性	Dyed fabric 色布	3-4
	Dye Liquor 染浴	5
Color constancy 色恆性	Tungsten Lamp	Y
	TL 84 Lamp	Y
Metallic ions 金屬離子	Fe++ 鐵	5
	Cu++ 銅	1
Resin finishing 樹脂加工	Melamine 三聚氰胺	4-5
	Glyoxal 乙二醛	4-5
Shade change after fixing treatment 固色後變色性	Polyamide 聚乙醯胺	4-5 B
	Quaternary ammonium salt 四級胺鹽	5
Stripping 脫色性	(1)	△
	(2)	◯
	(3)	◯
	(4)	◯
Discharge ability 拔染性	Neutral 中性	3-4
	Alkaline 鹼性	4

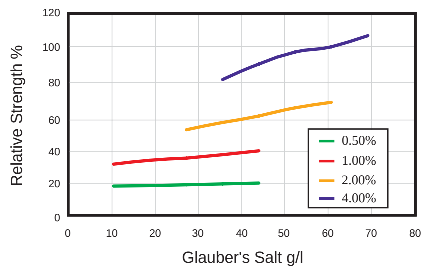
吸盡固著曲線 Exhaustion & Fixation



溫度依存性 Dependency on temperature



芒硝依存性 Dependency on Glauber's salt



Everzol Red F3B

EVERLIGHT

Fastness before fixing treatment 固色前牢度表

Fastness \ Evaluation		Depth of shade 染色濃度	Color change 變褪色	Staining 污染: Acetate 醋酸纖維	Cotton 棉	Nylon 尼龍	Polyester 聚酯	Acrylic 壓克力	Wool 羊毛
Washing 耐水洗	ISO C02	3.0%	4-5	5	4-5	5	5	4-5	5
	ISO C03		4-5	5	4-5	5	5	5	5
	ISO C04		3-4	5	3	5	5	5	2-3
	ISO C06-C1S		4-5	5	4-5	5	5	5	5
	ISO C06-C2S		4-5	5	3	5	5	4-5	4
	M&S C4A		4-5	5	4-5	5	5	5	5
Water 耐水		3.0%	4-5	4-5	4-5	3-4	4-5	4-5	4-5
Hot Water 耐熱水		3.0%	4-5	5	5	4	5	5	5
Sea Water 耐海水		3.0%	4-5	5	4-5	4-5	4-5	4-5	5
Post mercerizing 後絲光		3.0%	4B		3				
Acid hydrolysis 酸水解		3.0%	4-5	5	5	4-5	5	5	5
Perspiration 耐汗	Acid 酸	3.0%	4-5	4-5	4-5	4	4-5	4-5	4-5
	Alkali 鹼		4-5	5	4-5	4-5	4-5	4-5	5

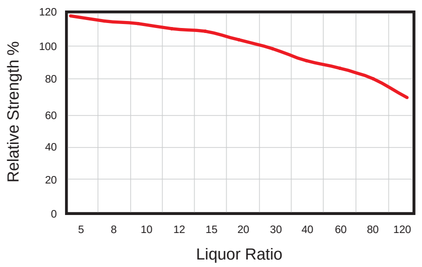
Fastness \ Evaluation			Depth of shade 染色濃度	Grade 級數
Chlorinated Water耐氯水(20ppm)			3.0%	4
Peroxide Bleaching雙氧水漂白				4-5
Rubbing 耐摩擦	Dry 乾		3.0%	5
	Wet 濕			3
M&S C9A 擬溼日光 (detergent Light)			0.3%	4-5
			3.0%	4-5
M&S C10A (UK-TO)			3.0%	4-5
Saliva (DIN) 耐唾液			3.0%	5
Hot-Pressing 耐熱壓	Dry 乾	Immediately	3.0%	2B
		4 Hours after		4-5
	Wet 濕	Immediately	3.0%	2B
		4 Hours after		4-5
Dry cleaning 耐乾洗			3.0%	4-5

Light Fastness 日光堅牢度

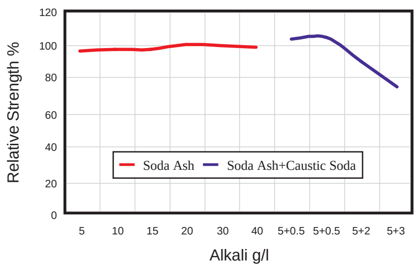
Evaluation	Dyeing Depth 染色濃度	Color Change 20 AFU	Grade ISO Blue Scale
Artificial Light (Xenon-Arc Lamp) 耐日光	0.1 %	2-3	3-4
	0.3 %	3	4
	1.0 %	3-4	4-5
	3.0 %	4	5
	6.0 %	4-5	5-6

Evaluation		Dyeing Depth 染色濃度	Color Change 20 AFU	Grade ISO Blue Scale
Perspiration Light 耐汗日光	Acid	3.0 %	3	4
	Alkali		2	3

浴比依存性 Dependency on Liquor ratio



鹼依存性 Dependency on alkali



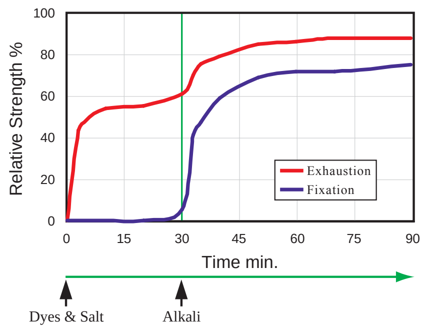
EVERLIGHT

Everzol Red 3BS

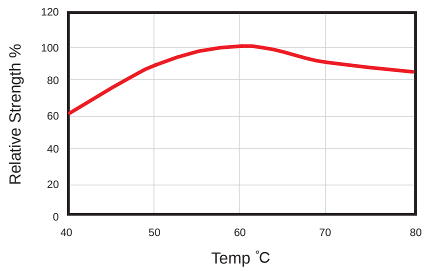
Dyeing Properties 特性

Characteristics		Evaluation
Reactivity 反應性		II
Substantivity 親和性		A
Migration 移染性		5
Washing off 洗淨性		4
Solubility g/l 溶解度	50℃ Water	100
	50℃ Water+50 g/l Salt	100
High temp. Dyeing 高溫染色性	Dyed fabric 色布	1-2
	Dye Liquor 染浴	1-2
Color constancy 色恆性	Tungsten Lamp	Y
	TL 84 Lamp	Y
Metallic ions 金屬離子	Fe++ 鐵	3-4
	Cu++ 銅	2-3 B
Resin finishing 樹脂加工	Melamine 三聚氰胺	4-5
	Glyoxal 乙二醛	5
Shade change after fixing treatment 固色後變色性	Polyamide 聚乙醯胺	4 B
	Quaternary ammonium salt 四級胺鹽	5
Stripping 脫色性	(1)	×
	(2)	△
	(3)	△
	(4)	△
Discharge ability 拔染性	Neutral 中性	1-2
	Alkaline 鹼性	2

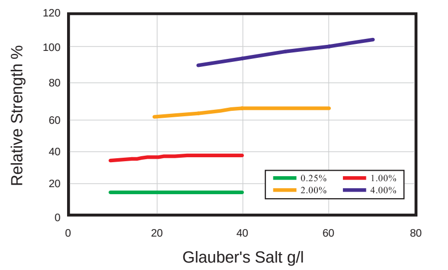
吸盡固著曲線 Exhaustion & Fixation



溫度依存性 Dependency on temperature



芒硝依存性 Dependency on Glauber's salt



EVERLIGHT

Everzol Red 3BS

Fastness before fixing treatment 固色前牢度表

Fastness / Evaluation		Depth of shade 染色濃度	Color change 變褪色	Staining 污染 Acetate 醋酸纖維	Cotton 棉	Nylon 尼龍	Polyester 聚酯	Acrylic 壓克力	Wool 羊毛
Washing 耐水洗	ISO C02	3.0%	5	5	5	5	5	5	5
	ISO C03		5	5	5	5	5	5	5
	ISO C04		5	5	3	5	5	5	4
	ISO C06-C1S		5	5	4-5	5	5	5	5
	ISO C06-C2S		4-5	5	5	5	5	5	5
	M&S C4A		4-5	5	4-5	5	5	5	5
Water 耐水		3.0%	5	5	4-5	4-5	5	5	5
Hot Water 耐熱水		3.0%	5	5	5	5	5	5	5
Sea Water 耐海水		3.0%	4-5	5	5	5	5	5	5
Post mercerizing 後絲光		3.0%	1-2Y		3-4				
Acid hydrolysis 酸水解		3.0%	4-5	5	4	4-5	5	5	4
Perspiration 耐汗	Acid 酸	3.0%	4-5	5	5	5	5	4	5
	Alkali 鹼		5	5	4-5	5	5	4-5	5

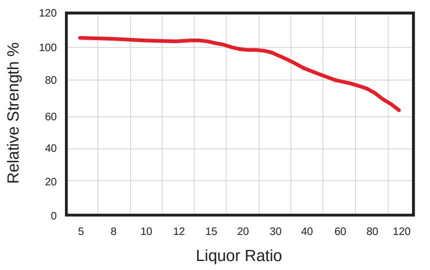
Fastness / Evaluation			Depth of shade 染色濃度	Grade 級數
Chlorinated Water耐氯水(20ppm)			3.0%	5
Peroxide Bleaching雙氧水漂白				4
Rubbing 耐摩擦	Dry 乾		3.0%	4-5
	Wet 濕			2-3
M&S C9A 擬溼日光 (detergent Light)			0.3%	>4-5
			3.0%	>4-5
M&S C10A (UK-TO)			3.0%	4-5
Saliva (DIN) 耐唾液			3.0%	4-5
Hot-Pressing 耐熱壓	Dry 乾	Immediately	3.0%	4
		4 Hours after		4-5
	Wet 濕	Immediately	3.0%	4
		4 Hours after		4-5
Dry cleaning 耐乾洗			3.0%	4-5

Light Fastness 日光堅牢度

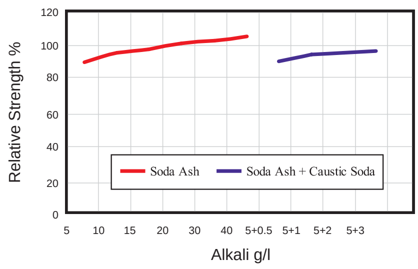
Evaluation	Dyeing Depth 染色濃度	Color Change 20 AFU	Grade ISO Blue Scale
Artificial Light (Xenon-Arc Lamp) 耐日光	0.1 %	2-3	4
	0.3 %	3	4
	1.0 %	4	5-6
	3.0 %	4-5	5-6
	6.0 %	>4-5	6

Evaluation		Dyeing Depth 染色濃度	Color Change 20 AFU	Grade ISO Blue Scale
Perspiration Light 耐汗日光	Acid	3.0 %	3	5-6
	Alkali		2-3	3

浴比依存性 Dependency on Liquor ratio



鹼依存性 Dependency on alkali



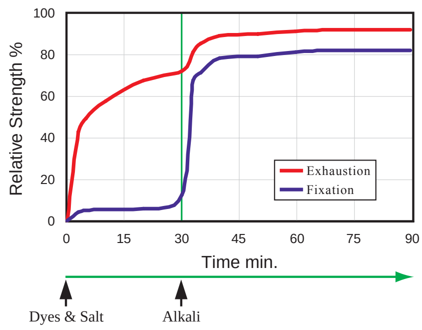
Everzol Red BS

EVERLIGHT

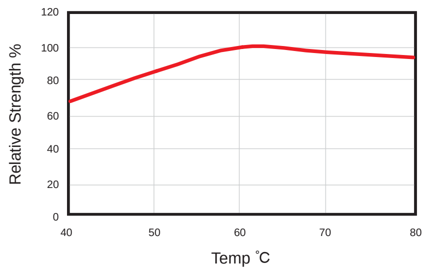
Dyeing Properties 特性

Characteristics		Evaluation
Reactivity 反應性		Ⅱ
Substantivity 親和性		A
Migration 移染性		4
Washing off 洗淨性		3-4
Solubility g/l 溶解度	50℃ Water	150
	50℃ Water+50 g/l Salt	150
High temp. Dyeing 高溫染色性	Dyed fabric 色布	1-2 B
	Dye Liquor 染浴	1-2 B
Color constancy 色恆性	Tungsten Lamp	B
	TL 84 Lamp	B
Metallic ions 金屬離子	Fe++ 鐵	5
	Cu++ 銅	5
Resin finishing 樹脂加工	Melamine 三聚氰胺	3-4 B
	Glyoxal 乙二醛	4-5
Shade change after fixing treatment 固色後變色性	Polyamide 聚乙醯胺	4-5
	Quaternary ammonium salt 四級胺鹽	4-5
Stripping 脫色性	(1)	×
	(2)	△
	(3)	○
	(4)	○
Discharge ability 拔染性	Neutral 中性	2
	Alkaline 鹼性	2

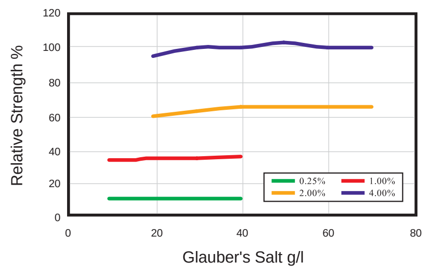
吸盡固著曲線 Exhaustion & Fixation



溫度依存性 Dependency on temperature



芒硝依存性 Dependency on Glauber's salt



Everzol Red BS

EVERLIGHT

Fastness before fixing treatment 固色前牢度表

Fastness \ Evaluation		Depth of shade 染色濃度	Color change 變褪色	Staining 污染 Acetate 醋酸纖維	Cotton 棉	Nylon 尼龍	Polyester 聚酯	Acrylic 壓克力	Wool 羊毛
Washing 耐水洗	ISO C02	3.0%	5	5	4-5	5	5	5	5
	ISO C03		4-5	5	3-4	5	5	4-5	5
	ISO C04		4-5	5	2	5	5	5	3
	ISO C06-C1S		4-5	5	4-5	5	5	5	5
	ISO C06-C2S		4-5	5	4-5	5	5	5	5
	M&S C4A		4-5	5	4-5	5	5	5	5
Water 耐水		3.0%	5	5	5	5	5	5	5
Hot Water 耐熱水		3.0%	5	5	5	5	5	5	5
Sea Water 耐海水		3.0%	5	5	5	5	5	5	5
Post mercerizing 後絲光		3.0%	1-2R		3-4				
Acid hydrolysis 酸水解		3.0%	4-5	5	4	3	5	5	4
Perspiration 耐汗	Acid 酸	3.0%	5	5	5	5	5	5	5
	Alkali 鹼		5	5	5	5	5	5	5

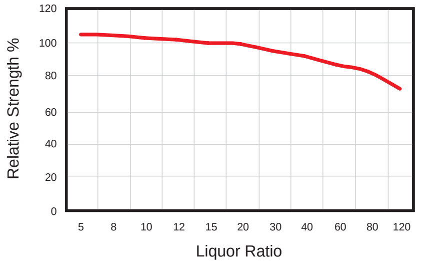
Fastness \ Evaluation			Depth of shade 染色濃度	Grade 級數
Chlorinated Water耐氯水(20ppm)			3.0%	4
Peroxide Bleaching雙氧水漂白				3
Rubbing 耐摩擦	Dry 乾		3.0%	5
	Wet 濕			2-3
M&S C9A 擬澄日光 (detergent Light)			0.3%	4-5
			3.0%	4-5
M&S C10A (UK-TO)			3.0%	2-3
Saliva (DIN) 耐唾液			3.0%	4-5
Hot-Pressing 耐熱壓	Dry 乾	Immediately	3.0%	3B
		4 Hours after		4-5
	Wet 濕	Immediately	3.0%	2-3B
		4 Hours after		4
Dry cleaning 耐乾洗			3.0%	4-5

Light Fastness 日光堅牢度

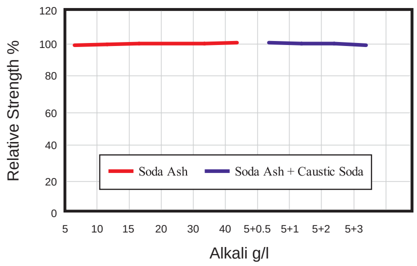
Evaluation	Dyeing Depth 染色濃度	Color Change 20 AFU	Grade ISO Blue Scale
Artificial Light (Xenon-Arc Lamp) 耐日光	0.1 %	2	4
	0.3 %	2-3	4
	1.0 %	3	4-5
	3.0 %	3-4	5
	6.0 %	4	5-6

Evaluation		Dyeing Depth 染色濃度	Color Change 20 AFU	Grade ISO Blue Scale
Perspiration Light 耐汗日光	Acid	3.0 %	3	5-6
	Alkali		2-3	3

浴比依存性 Dependency on Liquor ratio



鹼依存性 Dependency on alkali

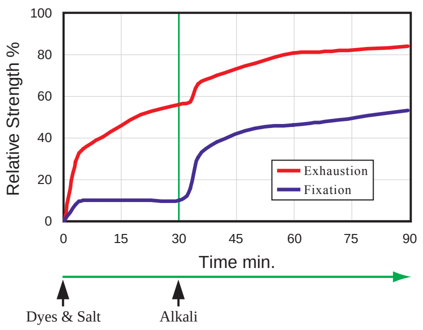


Everzol Turquoise Blue G

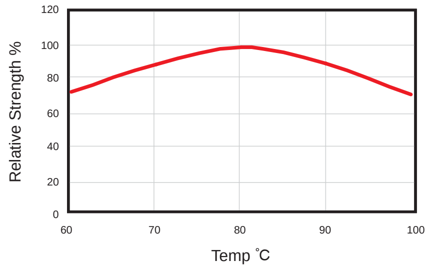
Dyeing Properties 特性

Characteristics		Evaluation
Reactivity 反應性		II
Substantivity 親和性		A
Migration 移染性		4
Washing off 洗淨性		3
Solubility g/l 溶解度	50℃ Water	150
	50℃ Water+50 g/l Salt	100
High temp. Dyeing 高溫染色性	Dyed fabric 色布	4 D
	Dye Liquor 染浴	4 Y
Color constancy 色恆性	Tungsten Lamp	R
	TL 84 Lamp	R
Metallic ions 金屬離子	Fe++ 鐵	5
	Cu++ 銅	5
Resin finishing 樹脂加工	Melamine 三聚氰胺	5
	Glyoxal 乙二醛	4 Y
Shade change after fixing treatment 固色後變色性	Polyamide 聚乙醯胺	3-4 Y
	Quaternary ammonium salt 四級胺鹽	4-5
Stripping 脫色性	(1)	△
	(2)	△
	(3)	○
	(4)	○
Discharge ability 拔染性	Neutral 中性	3
	Alkaline 鹼性	2

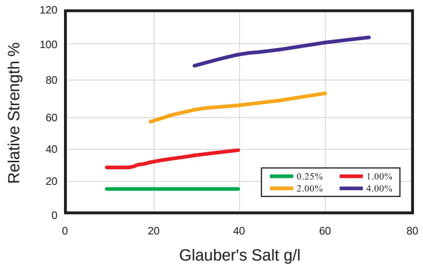
吸盡固著曲線 Exhaustion & Fixation



溫度依存性 Dependency on temperature



芒硝依存性 Dependency on Glauber's salt



Everzol Turquoise Blue G

EVERLIGHT

Fastness before fixing treatment 固色前牢度表

Fastness		Depth of shade 染色濃度	Color change 變褪色	Staining 污染: Acetate 醋酸纖維	Cotton 棉	Nylon 尼龍	Polyester 聚酯	Acrylic 壓克力	Wool 羊毛
Washing 耐水洗	ISO C02	3.0%	5	5	3-4	5	5	5	4-5
	ISO C03		4-5	5	3	4-5	5	5	4-5
	ISO C04		4-5	5	2	4-5	5	4-5	2-3
	ISO C06-C1S		4-5	5	3	5	5	4-5	5
	ISO C06-C2S		5	5	3-4	5	5	5	5
	M&S C4A		4-5	5	3	4	5	5	4-5
Water 耐水		3.0%	5	5	5	5	5	5	5
Hot Water 耐熱水		3.0%	5	5	5	5	5	5	5
Sea Water 耐海水		3.0%	5	5	5	5	5	5	5
Post mercerizing 後絲光		3.0%	3G		4				
Acid hydrolysis 酸水解		3.0%	3Y	5	5	5	5	5	5
Perspiration 耐汗	Acid 酸	3.0%	4-5	5	5	5	5	5	5
	Alkali 鹼		4-5	5	5	5	5	5	5

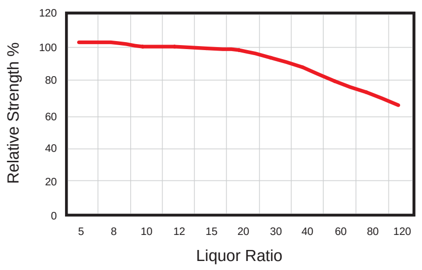
Fastness			Depth of shade 染色濃度	Grade 級數
Chlorinated Water耐氯水(20ppm)			3.0%	3
Peroxide Bleaching雙氧水漂白			3.0%	2
Rubbing 耐摩擦	Dry 乾		3.0%	5
	Wet 濕			2-3
M&S C9A 擬澀日光 (detergent Light)			0.3%	4-5
			3.0%	4-5
M&S C10A (UK-TO)			3.0%	4
Saliva (DIN) 耐唾液			3.0%	4-5
Hot-Pressing 耐熱壓	Dry 乾	Immediately	3.0%	4-5
		4 Hours after		5
	Wet 濕	Immediately	3.0%	4-5
		4 Hours after		4-5
Dry cleaning 耐乾洗			3.0%	4-5

Light Fastness 日光堅牢度

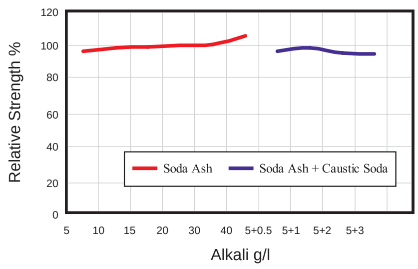
Evaluation	Dyeing Depth 染色濃度	Color Change 20 AFU	Grade ISO Blue Scale
Artificial Light (Xenon-Arc Lamp) 耐日光	0.1 %	3-4	5-6
	0.3 %	4	5-6
	1.0 %	4	6
	3.0 %	>4-5	>6
	6.0 %	>4-5	>6

Evaluation		Dyeing Depth 染色濃度	Color Change 20 AFU	Grade ISO Blue Scale
Perspiration Light 耐汗日光	Acid	3.0 %	2-3	4
	Alkali		2-3	3

浴比依存性 Dependency on Liquor ratio



鹼依存性 Dependency on alkali



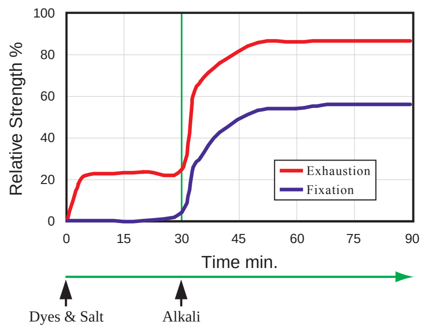
EVERLIGHT

Everzol Blue R s/p

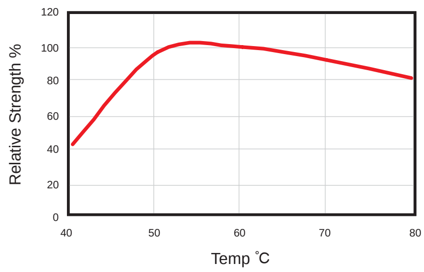
Dyeing Properties 特性

Characteristics		Evaluation
Reactivity 反應性		II
Substantivity 親和性		C
Migration 移染性		4-5
Washing off 洗淨性		4-5
Solubility g/l 溶解度	50℃ Water	150
	50℃ Water+50 g/l Salt	150
High temp. Dyeing 高溫染色性	Dyed fabric 色布	2-3
	Dye Liquor 染浴	2-3
Color constancy 色恆性	Tungsten Lamp	R
	TL 84 Lamp	R
Metallic ions 金屬離子	Fe++ 鐵	4-5
	Cu++ 銅	4-5
Resin finishing 樹脂加工	Melamine 三聚氰胺	4-5
	Glyoxal 乙二醛	4-5
Shade change after fixing treatment 固色後變色性	Polyamide 聚乙醯胺	4 Y
	Quaternary ammonium salt 四級胺鹽	5
Stripping 脫色性	(1)	×
	(2)	△
	(3)	◯
	(4)	△
Discharge ability 拔染性	Neutral 中性	1
	Alkaline 鹼性	1-2

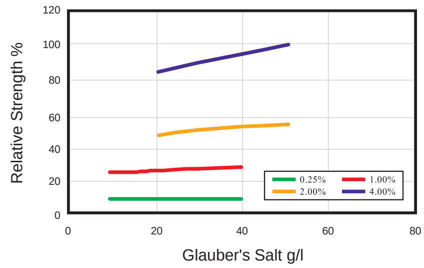
吸盡固著曲線 Exhaustion & Fixation



溫度依存性 Dependency on temperature



芒硝依存性 Dependency on Glauber's salt



Everzol Blue R s/p

EVERLIGHT

Fastness before fixing treatment 固色前牢度表

Fastness \ Evaluation		Depth of shade 染色濃度	Color change 變褪色	Staining 污染: Acetate 醋酸纖維	Cotton 棉	Nylon 尼龍	Polyester 聚酯	Acrylic 壓克力	Wool 羊毛
Washing 耐水洗	ISO C02	3.0%	5	5	5	4-5	5	5	4-5
	ISO C03		5	5	5	4	5	5	3
	ISO C04		5	4	3	2	4-5	4-5	1-2
	ISO C06-C1S		5	5	5	4-5	5	5	4-5
	ISO C06-C2S		5	5	5	5	5	5	5
	M&S C4A		5	5	5	5	5	5	5
Water 耐水		3.0%	5	5	5	5	5	5	5
Hot Water 耐熱水		3.0%	5	5	4-5	5	5	5	5
Sea Water 耐海水		3.0%	5	5	5	5	5	5	5
Post mercerizing 後絲光		3.0%	3R		2-3				
Acid hydrolysis 酸水解		3.0%	4-5	4-5	4-5	4-5	4-5	4-5	4-5
Perspiration 耐汗	Acid 酸	3.0%	5	5	5	5	5	5	5
	Alkali 鹼		5	5	5	5	5	5	5

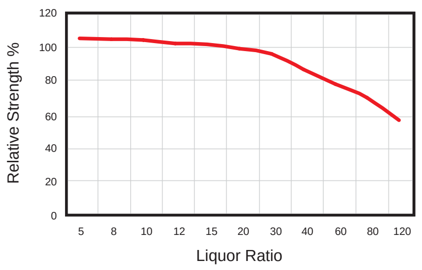
Fastness \ Evaluation			Depth of shade 染色濃度	Grade 級數
Chlorinated Water耐氯水(20ppm)			3.0%	3
Peroxide Bleaching雙氧水漂白				4
Rubbing 耐摩擦	Dry 乾		3.0%	4-5
	Wet 濕			2-3
M&S C9A 擬溼日光 (detergent Light)			0.3%	>4-5
			3.0%	>4-5
M&S C10A (UK-TO)			3.0%	4-5
Saliva (DIN) 耐唾液			3.0%	5
Hot-Pressing 耐熱壓	Dry 乾	Immediately	3.0%	4-5
		4 Hours after		5
	Wet 濕	Immediately	3.0%	4-5
		4 Hours after		4-5
Dry cleaning 耐乾洗			3.0%	4-5

Light Fastness 日光堅牢度

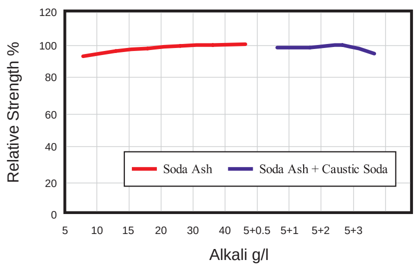
Evaluation	Dyeing Depth 染色濃度	Color Change 20 AFU	Grade ISO Blue Scale
Artificial Light (Xenon-Arc Lamp) 耐日光	0.1 %	4-5	5-6
	0.3 %	4-5	6
	1.0 %	>4-5	>6
	3.0 %	>4-5	>6
	6.0 %	>4-5	>6

Evaluation		Dyeing Depth 染色濃度	Color Change 20 AFU	Grade ISO Blue Scale
Perspiration Light 耐汗日光	Acid	3.0 %	4	5
	Alkali		4	4-5

浴比依存性 Dependency on Liquor ratio



鹼依存性 Dependency on alkali



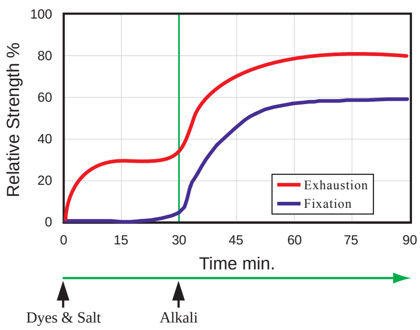
EVERLIGHT

Everzol Blue BB

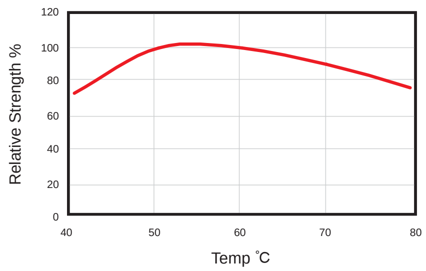
Dyeing Properties 特性

Characteristics		Evaluation
Reactivity 反應性		II
Substantivity 親和性		B
Migration 移染性		5
Washing off 洗淨性		4-5
Solubility g/l 溶解度	50℃ Water	100
	50℃ Water+50 g/l Salt	100
High temp. Dyeing 高溫染色性	Dyed fabric 色布	2-3
	Dye Liquor 染浴	2-3
Color constancy 色恆性	Tungsten Lamp	R
	TL 84 Lamp	R
Metallic ions 金屬離子	Fe++ 鐵	4-5
	Cu++ 銅	4-5
Resin finishing 樹脂加工	Melamine 三聚氰胺	4-5
	Glyoxal 乙二醛	4-5
Shade change after fixing treatment 固色後變色性	Polyamide 聚乙醯胺	4 Y
	Quaternary ammonium salt 四級胺鹽	4 Y
Stripping 脫色性	(1)	×
	(2)	○
	(3)	○
	(4)	○
Discharge ability 拔染性	Neutral 中性	3-4
	Alkaline 鹼性	4

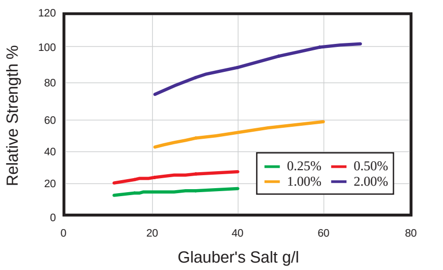
吸盡固著曲線 Exhaustion & Fixation



溫度依存性 Dependency on temperature



芒硝依存性 Dependency on Glauber's salt



Everzol Blue BB

EVERLIGHT

Fastness before fixing treatment 固色前牢度表

Fastness		Depth of shade 染色濃度	Color change 變褪色	Staining 污染: Acetate 醋酸纖維	Staining 污染: Cotton 棉	Staining 污染: Nylon 尼龍	Staining 污染: Polyester 聚酯	Staining 污染: Acrylic 壓克力	Staining 污染: Wool 羊毛
Washing 耐水洗	ISO C02	1.0%	4-5	5	5	5	5	5	5
	ISO C03		4-5	5	5	5	5	5	5
	ISO C04		4-5	5	5	4-5	5	5	4-5
	ISO C06-C1S		5	5	5	5	5	5	5
	ISO C06-C2S		4-5	5	5	5	5	5	5
	M&S C4A		4-5	5	5	5	5	5	5
Water 耐水		1.0%	4-5	5	5	5	5	5	5
Hot Water 耐熱水		1.0%	4-5	5	5	5	5	5	5
Sea Water 耐海水		1.0%	4-5	5	5	5	5	5	5
Post mercerizing 後絲光		1.0%	3		5				
Acid hydrolysis 酸水解		1.0%	4-5	5	5	5	5	5	5
Perspiration 耐汗	Acid 酸	1.0%	4	5	5	4-5	5	5	5
	Alkali 鹼		4	5	5	5	5	5	5

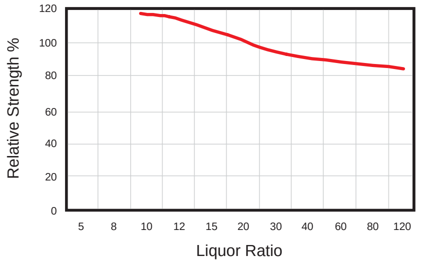
Fastness			Depth of shade 染色濃度	Grade 級數
Chlorinated Water耐氯水(20ppm)			1.0%	3
Peroxide Bleaching雙氧水漂白				4
Rubbing 耐摩擦	Dry 乾		1.0%	5
	Wet 濕			4
M&S C9A 擬澀日光 (detergent Light)			0.3%	4-5
			1.0%	4-5
M&S C10A (UK-TO)			1.0%	4
Saliva (DIN) 耐唾液			1.0%	4-5
Hot-Pressing 耐熱壓	Dry 乾	Immediately	1.0%	4-5
		4 Hours after		5
	Wet 濕	Immediately	1.0%	4
		4 Hours after		4-5
Dry cleaning 耐乾洗			1.0%	4-5

Light Fastness 日光堅牢度

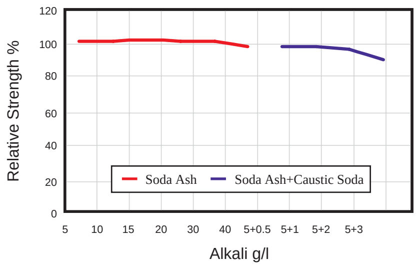
Evaluation	Dyeing Depth 染色濃度	Color Change 20 AFU	Grade ISO Blue Scale
Artificial Light (Xenon-Arc Lamp) 耐日光	0.1 %	3-4	5
	0.3 %	4	5-6
	1.0 %	4-5	6
	3.0 %	>4-5	>6
	6.0 %	*	*

Evaluation		Dyeing Depth 染色濃度	Color Change 20 AFU	Grade ISO Blue Scale
Perspiration Light 耐汗日光	Acid	1.0 %	2	4
	Alkali		2	3-4

浴比依存性 Dependency on Liquor ratio



鹼依存性 Dependency on alkali

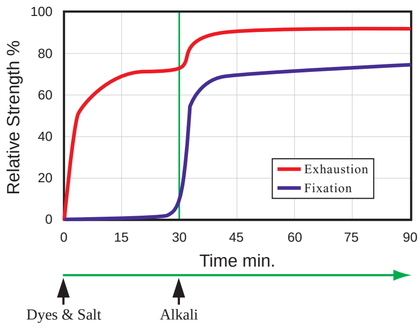


Everzol Blue BRF 150%

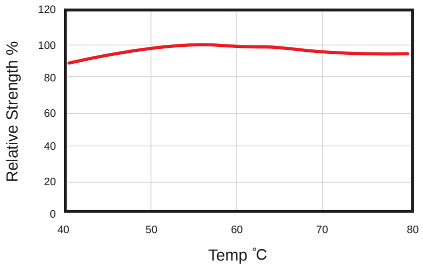
Dyeing Properties 特性

Characteristics		Evaluation
Reactivity 反應性		II
Substantivity 親和性		A
Migration 移染性		3-4
Washing off 洗淨性		4
Solubility g/l 溶解度	50℃ Water	100
	50℃ Water+50 g/l Salt	20
High temp. Dyeing 高溫染色性	Dyed fabric 色布	3
	Dye Liquor 染浴	2
Color constancy 色恆性	Tungsten Lamp	G
	TL 84 Lamp	B (G)
Metallic ions 金屬離子	Fe++ 鐵	4
	Cu++ 銅	4-5
Resin finishing 樹脂加工	Melamine 三聚氰胺	5
	Glyoxal 乙二醛	4-5
Shade change after fixing treatment 固色後變色性	Polyamide 聚乙醯胺	4-5
	Quaternary ammonium salt 四級胺鹽	5
Stripping 脫色性	(1)	×
	(2)	×
	(3)	×
	(4)	×
Discharge ability 拔染性	Neutral 中性	2
	Alkaline 鹼性	2-3

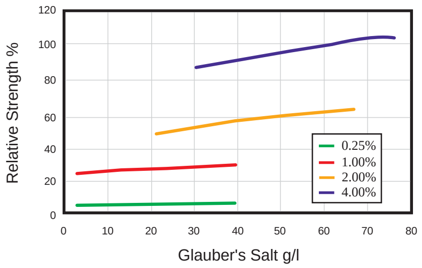
吸盡固著曲線 Exhaustion & Fixation



溫度依存性 Dependency on temperature



芒硝依存性 Dependency on Glauber's salt



Everzol Blue BRF 150%

EVERLIGHT

Fastness before fixing treatment 固色前牢度表

Fastness \ Evaluation		Depth of shade 染色濃度	Color change 變褪色	Staining 污染: Acetate 醋酸纖維	Staining 污染: Cotton 棉	Staining 污染: Nylon 尼龍	Staining 污染: Polyester 聚酯	Staining 污染: Acrylic 壓克力	Staining 污染: Wool 羊毛
Washing 耐水洗	ISO C02	3.0%	4-5	5	3-4	5	5	5	5
	ISO C03		4-5	5	3-4	5	5	5	5
	ISO C04		4-5	5	2-3	5	5	5	2-3
	ISO C06-C1S		4-5	5	3-4	5	5	5	5
	ISO C06-C2S		4-5	5	3-4	5	5	5	5
	M&S C4A		4-5	5	4	5	5	5	5
Water 耐水		3.0%	4-5	5	5	4-5	5	5	5
Hot Water 耐熱水		3.0%	4-5	3-4	5	3	5	5	5
Sea Water 耐海水		3.0%	4-5	5	5	5	5	5	5
Post mercerizing 後絲光		3.0%	4		5				
Acid hydrolysis 酸水解		3.0%	4-5	4-5	4-5	4-5	5	4-5	5
Perspiration 耐汗	Acid 酸	3.0%	4-5	5	5	4	5	5	5
	Alkali 鹼		4-5	5	5	4	4-5	4-5	4-5

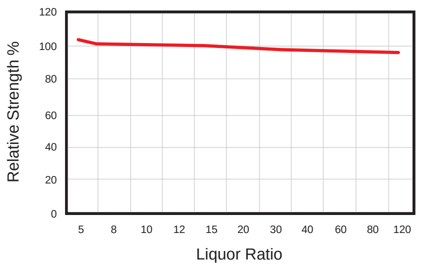
Fastness \ Evaluation			Depth of shade 染色濃度	Grade 級數
Chlorinated Water耐氯水(20ppm)			3.0%	4
Peroxide Bleaching雙氧水漂白				2-3
Rubbing 耐摩擦	Dry 乾		3.0%	4-5
	Wet 濕			3
M&S C9A 擬溼日光 (detergent Light)			0.3%	4-5
			3.0%	4-5
M&S C10A (UK-TO)			3.0%	4-5
Saliva (DIN) 耐唾液			3.0%	4-5
Hot-Pressing 耐熱壓	Dry 乾	Immediately	3.0%	4-5
		4 Hours after		5
	Wet 濕	Immediately	3.0%	4
		4 Hours after		4-5
Dry cleaning 耐乾洗			3.0%	4-5

Light Fastness 日光堅牢度

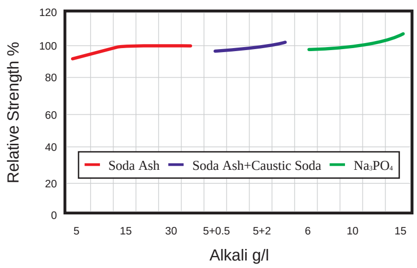
Evaluation	Dyeing Depth 染色濃度	Color Change 20 AFU	Grade ISO Blue Scale
Artificial Light (Xenon-Arc Lamp) 耐日光	0.1 %	4-5	5-6
	0.3 %	4-5	6
	1.0 %	4-5	6
	3.0 %	4-5	>6
	6.0 %	4-5	>6

Evaluation		Dyeing Depth 染色濃度	Color Change 20 AFU	Grade ISO Blue Scale
Perspiration Light 耐汗日光	Acid	3.0 %	4	5-6
	Alkali		4	5

浴比依存性 Dependency on Liquor ratio



鹼依存性 Dependency on alkali



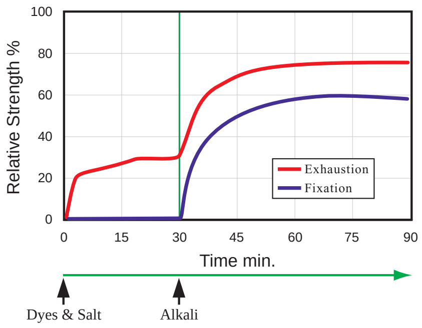
EVERLIGHT

Everzol Blue RGB

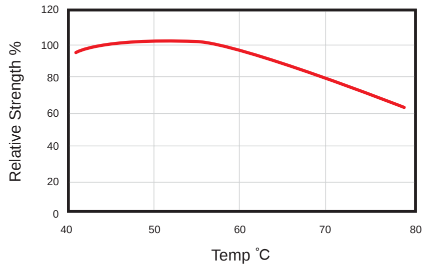
Dyeing Properties 特性

Characteristics		Evaluation
Reactivity 反應性		Ⅲ
Substantivity 親和性		B
Migration 移染性		4-5
Washing off 洗淨性		4-5
Solubility g/l 溶解度	50℃ Water	120
	50℃ Water+50 g/l Salt	120
High temp. Dyeing 高溫染色性	Dyed fabric 色布	3
	Dye Liquor 染浴	1-2
Color constancy 色恆性	Tungsten Lamp	R (B)
	TL 84 Lamp	R (B)
Metallic ions 金屬離子	Fe++ 鐵	5
	Cu++ 銅	1-2
Resin finishing 樹脂加工	Melamine 三聚氰胺	4
	Glyoxal 乙二醛	4
Shade change after fixing treatment 固色後變色性	Polyamide 聚乙醯胺	4-5
	Quaternary ammonium salt 四級胺鹽	5
Stripping 脫色性	(1)	×
	(2)	×
	(3)	△
	(4)	×
Discharge ability 拔染性	Neutral 中性	2-3
	Alkaline 鹼性	3

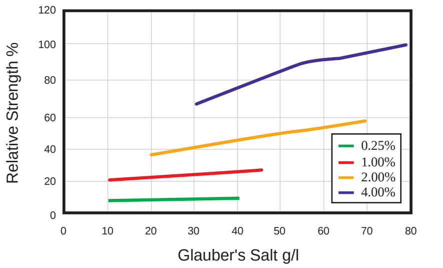
吸盡固著曲線 Exhaustion & Fixation



溫度依存性 Dependency on temperature



芒硝依存性 Dependency on Glauber's salt



Everzol Blue RGB

EVERLIGHT

Fastness before fixing treatment 固色前牢度表

Fastness / Evaluation		Depth of shade 染色濃度	Color change 變褪色	Staining 污染: Acetate 醋酸纖維	Staining 污染: Cotton 棉	Staining 污染: Nylon 尼龍	Staining 污染: Polyester 聚酯	Staining 污染: Acrylic 壓克力	Staining 污染: Wool 羊毛
Washing 耐水洗	ISO C02	3.0%	4-5	5	5	5	5	5	5
	ISO C03		4-5	5	4-5	5	5	5	5
	ISO C04		4-5	5	4	5	5	5	3
	ISO C06-C1S		4-5	5	4-5	5	5	5	5
	ISO C06-C2S		4-5	5	4-5	5	5	5	5
	M&S C4A		4-5	5	5	5	5	5	5
Water 耐水		3.0%	4-5	5	5	5	5	5	5
Hot Water 耐熱水		3.0%	4-5	5	5	3	5	5	5
Sea Water 耐海水		3.0%	4-5	5	5	5	5	5	5
Post mercerizing 後絲光		3.0%	3-4		3				
Acid hydrolysis 酸水解		3.0%	4-5	5	5	5	5	5	5
Perspiration 耐汗	Acid 酸	3.0%	4-5	5	5	5	5	5	5
	Alkali 鹼		4-5	5	5	5	5	5	5

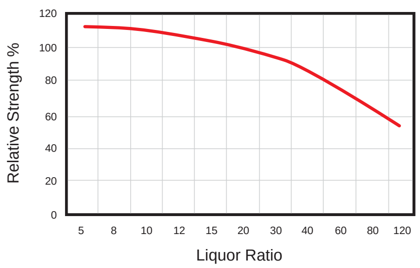
Fastness / Evaluation			Depth of shade 染色濃度	Grade 級數
Chlorinated Water耐氯水(20ppm)			3.0%	3
Peroxide Bleaching雙氧水漂白				4
Rubbing 耐摩擦	Dry 乾		3.0%	4
	Wet 濕			3
M&S C9A 擬溼日光 (detergent Light)			0.3%	4
			3.0%	4-5
M&S C10A (UK-TO)			3.0%	3-4
Saliva (DIN) 耐唾液			3.0%	5
Hot-Pressing 耐熱壓	Dry 乾	Immediately	3.0%	4
		4 Hours after		4-5
	Wet 濕	Immediately	3.0%	4
		4 Hours after		4-5
Dry cleaning 耐乾洗			3.0%	*

Light Fastness 日光堅牢度

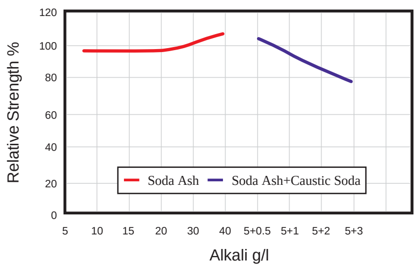
Evaluation	Dyeing Depth 染色濃度	Color Change 20 AFU	Grade ISO Blue Scale
Artificial Light (Xenon-Arc Lamp) 耐日光	0.1 %	3	4
	0.3 %	3	4
	1.0 %	4	4
	3.0 %	4	5-6
	6.0 %	4-5	6

Evaluation		Dyeing Depth 染色濃度	Color Change 20 AFU	Grade ISO Blue Scale
Perspiration Light 耐汗日光	Acid	3.0 %	2	4-5
	Alkali		3	3

浴比依存性 Dependency on Liquor ratio



鹼依存性 Dependency on alkali



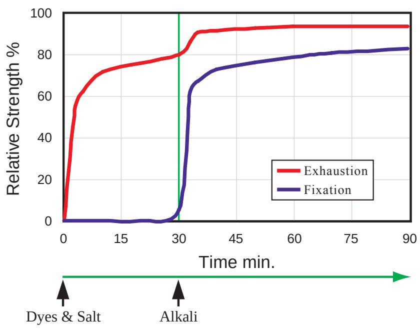
EVERLIGHT

Everzol Navy Blue FBN

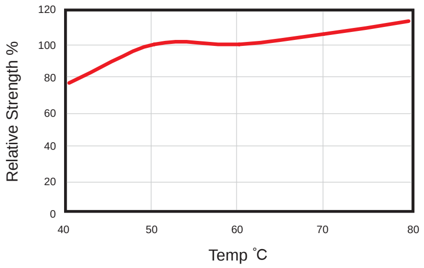
Dyeing Properties 特性

Characteristics		Evaluation
Reactivity 反應性		II
Substantivity 親和性		A
Migration 移染性		4-5
Washing off 洗淨性		3-4
Solubility g/l 溶解度	50℃ Water	100
	50℃ Water+50 g/l Salt	100
High temp. Dyeing 高溫染色性	Dyed fabric 色布	2-3
	Dye Liquor 染浴	2-3
Color constancy 色恆性	Tungsten Lamp	R
	TL 84 Lamp	R
Metallic ions 金屬離子	Fe++ 鐵	4-5
	Cu++ 銅	3 G
Resin finishing 樹脂加工	Melamine 三聚氰胺	4-5
	Glyoxal 乙二醛	5
Shade change after fixing treatment 固色後變色性	Polyamide 聚乙醯胺	4-5
	Quaternary ammonium salt 四級胺鹽	5
Stripping 脫色性	(1)	×
	(2)	×
	(3)	△
	(4)	×
Discharge ability 拔染性	Neutral 中性	2-3
	Alkaline 鹼性	2

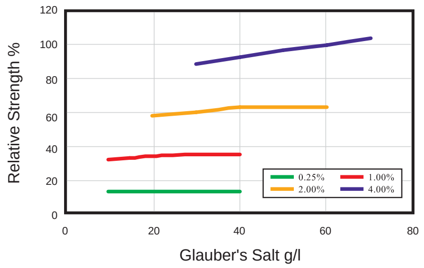
吸盡固著曲線 Exhaustion & Fixation



溫度依存性 Dependency on temperature



芒硝依存性 Dependency on Glauber's salt



Everzol Navy Blue FBN

EVERLIGHT

Fastness before fixing treatment 固色前牢度表

Fastness \ Evaluation		Depth of shade 染色濃度	Color change 變褪色	Staining 污染: Acetate 醋酸纖維	Cotton 棉	Nylon 尼龍	Polyester 聚酯	Acrylic 壓克力	Wool 羊毛
Washing 耐水洗	ISO C02	3.0%	5	5	4-5	5	5	5	5
	ISO C03		4-5	5	4-5	5	5	5	5
	ISO C04		5	5	2-3	5	5	5	4
	ISO C06-C1S		4-5	5	4-5	5	5	5	5
	ISO C06-C2S		4-5	5	5	5	5	5	5
	M&S C4A		4-5	5	5	5	5	5	5
Water 耐水		3.0%	5	5	4	3-4	5	4-5	4
Hot Water 耐熱水		3.0%	5	5	5	5	5	5	5
Sea Water 耐海水		3.0%	5	5	4	5	5	5	5
Post mercerizing 後絲光		3.0%	2-3R		3				
Acid hydrolysis 酸水解		3.0%	4-5	5	3-4	3-4	5	5	3-4
Perspiration 耐汗	Acid 酸	3.0%	5	5	4	4-5	5	5	5
	Alkali 鹼		5	5	4	4-5	5	5	5

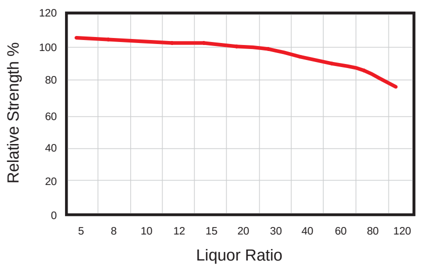
Fastness \ Evaluation			Depth of shade 染色濃度	Grade 級數
Chlorinated Water耐氯水(20ppm)			3.0%	4-5
Peroxide Bleaching雙氧水漂白				4
Rubbing 耐摩擦	Dry 乾		3.0%	5
	Wet 濕			2-3
M&S C9A 擬溼日光 (detergent Light)			0.3%	>4-5
			3.0%	>4-5
M&S C10A (UK-TO)			3.0%	4-5
Saliva (DIN) 耐唾液			3.0%	4-5
Hot-Pressing 耐熱壓	Dry 乾	Immediately	3.0%	4-5
		4 Hours after		5
	Wet 濕	Immediately	3.0%	4-5
		4 Hours after		4-5
Dry cleaning 耐乾洗			3.0%	4-5

Light Fastness 日光堅牢度

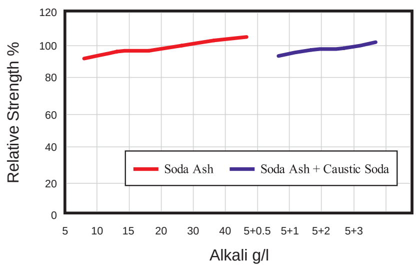
Evaluation	Dyeing Depth 染色濃度	Color Change 20 AFU	Grade ISO Blue Scale
Artificial Light (Xenon-Arc Lamp) 耐日光	0.1 %	2-3	3-4
	0.3 %	3	3-4
	1.0 %	3-4	4
	3.0 %	4	4-5
	6.0 %	4-5	5

Evaluation		Dyeing Depth 染色濃度	Color Change 20 AFU	Grade ISO Blue Scale
Perspiration Light 耐汗日光	Acid	3.0 %	2	5
	Alkali		2	3-4

浴比依存性 Dependency on Liquor ratio



鹼依存性 Dependency on alkali



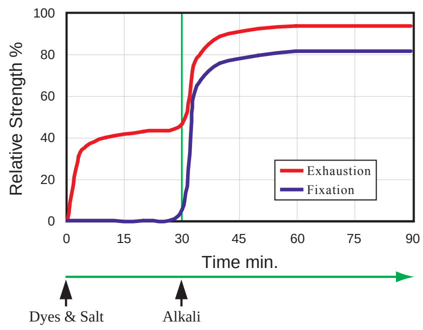
EVERLIGHT

Everzol Navy Blue GG

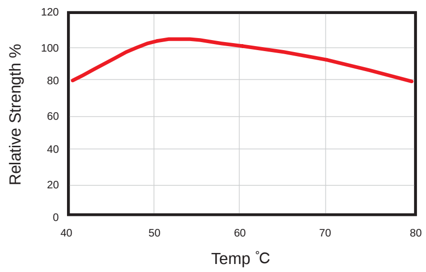
Dyeing Properties 特性

Characteristics		Evaluation
Reactivity 反應性		II
Substantivity 親和性		B
Migration 移染性		5
Washing off 洗淨性		3-4
Solubility g/l 溶解度	50℃ Water	100
	50℃ Water+50 g/l Salt	100
High temp. Dyeing 高溫染色性	Dyed fabric 色布	3
	Dye Liquor 染浴	3
Color constancy 色恆性	Tungsten Lamp	R
	TL 84 Lamp	R
Metallic ions 金屬離子	Fe++ 鐵	4-5
	Cu++ 銅	3-4
Resin finishing 樹脂加工	Melamine 三聚氰胺	4-5
	Glyoxal 乙二醛	4-5
Shade change after fixing treatment 固色後變色性	Polyamide 聚乙醯胺	4-5
	Quaternary ammonium salt 四級胺鹽	4-5
Stripping 脱色性	(1)	×
	(2)	×
	(3)	△
	(4)	×
Discharge ability 拔染性	Neutral 中性	4
	Alkaline 鹼性	4-5

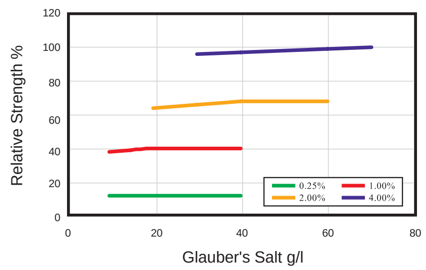
吸盡固著曲線 Exhaustion & Fixation



溫度依存性 Dependency on temperature



芒硝依存性 Dependency on Glauber's salt



Everzol Navy Blue GG

EVERLIGHT

Fastness before fixing treatment 固色前牢度表

Fastness		Depth of shade 染色濃度	Color change 變褪色	Staining 污染: Acetate 醋酸纖維	Cotton 棉	Nylon 尼龍	Polyester 聚酯	Acrylic 壓克力	Wool 羊毛
Washing 耐水洗	ISO C02	3.0%	5	5	4-5	5	5	5	5
	ISO C03		4-5	5	4	5	5	5	5
	ISO C04		4-5	5	2-3	5	5	5	2-3
	ISO C06-C1S		4-5	5	4-5	5	5	5	4-5
	ISO C06-C2S		4-5	5	5	5	5	5	5
	M&S C4A		4-5	5	5	5	5	5	5
Water 耐水		3.0%	5	5	5	5	5	5	5
Hot Water 耐熱水		3.0%	4-5	5	4-5	5	5	5	5
Sea Water 耐海水		3.0%	5	5	5	5	5	5	5
Post mercerizing 後絲光		3.0%	2-3B		3				
Acid hydrolysis 酸水解		3.0%	4-5	5	4-5	4-5	4-5	4-5	4-5
Perspiration 耐汗	Acid 酸	3.0%	4-5	5	5	5	5	5	5
	Alkali 鹼		4-5	5	4	5	5	5	5

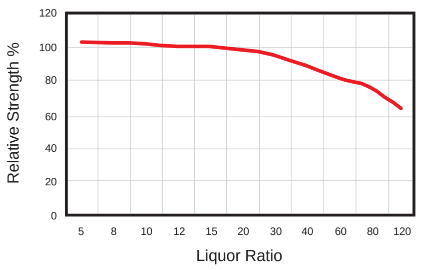
Fastness			Depth of shade 染色濃度	Grade 級數
Chlorinated Water耐氯水(20ppm)			3.0%	4-5
Peroxide Bleaching雙氧水漂白				4
Rubbing 耐摩擦	Dry 乾		3.0%	5
	Wet 濕			2-3
M&S C9A 擬溼日光 (detergent Light)			0.3%	>4-5
			3.0%	>4-5
M&S C10A (UK-TO)			3.0%	4-5
Saliva (DIN) 耐唾液			3.0%	5
Hot-Pressing 耐熱壓	Dry 乾	Immediately	3.0%	4-5
		4 Hours after		4-5
	Wet 濕	Immediately	3.0%	4
		4 Hours after		4-5
Dry cleaning 耐乾洗			3.0%	4-5

Light Fastness 日光堅牢度

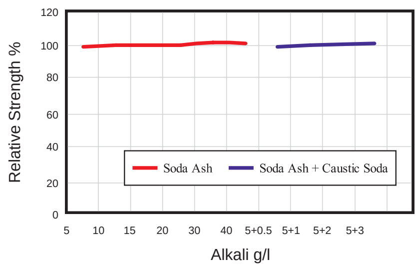
Evaluation	Dyeing Depth 染色濃度	Color Change 20 AFU	Grade ISO Blue Scale
Artificial Light (Xenon-Arc Lamp) 耐日光	0.1 %	3	3-4
	0.3 %	3-4	4
	1.0 %	3-4	5
	3.0 %	4	5-6
	6.0 %	4-5	5-6

Evaluation		Dyeing Depth 染色濃度	Color Change 20 AFU	Grade ISO Blue Scale
Perspiration Light 耐汗日光	Acid	3.0 %	3-4	5
	Alkali		3	3-4

浴比依存性 Dependency on Liquor ratio



鹼依存性 Dependency on alkali

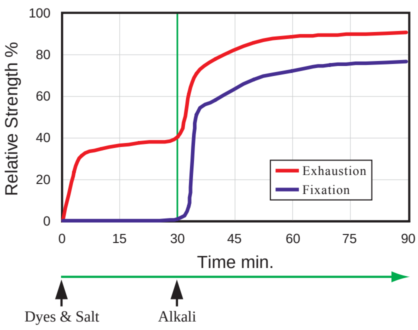


Everzol Navy Blue RGB H/C

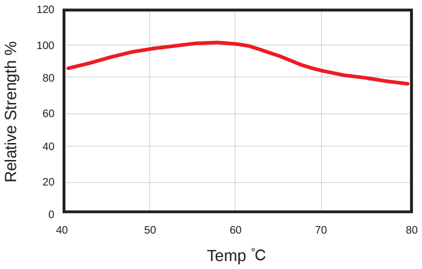
Dyeing Properties 特性

Characteristics		Evaluation
Reactivity 反應性		Ⅱ
Substantivity 親和性		B
Migration 移染性		2
Washing off 洗淨性		4
Solubility g/l 溶解度	50℃ Water	100
	50℃ Water+50 g/l Salt	100
High temp. Dyeing 高溫染色性	Dyed fabric 色布	2-3
	Dye Liquor 染浴	2-3
Color constancy 色恆性	Tungsten Lamp	G
	TL 84 Lamp	R
Metallic ions 金屬離子	Fe++ 鐵	2-3 R
	Cu++ 銅	3-4 R
Resin finishing 樹脂加工	Melamine 三聚氰胺	4-5
	Glyoxal 乙二醛	5
Shade change after fixing treatment 固色後變色性	Polyamide 聚乙醯胺	4-5
	Quaternary ammonium salt 四級胺鹽	5
Stripping 脫色性	(1)	×
	(2)	×
	(3)	△
	(4)	×
Discharge ability 拔染性	Neutral 中性	4
	Alkaline 鹼性	4-5

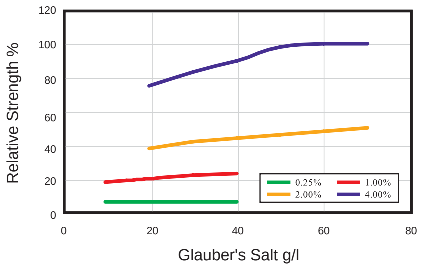
吸盡固著曲線 Exhaustion & Fixation



溫度依存性 Dependency on temperature



芒硝依存性 Dependency on Glauber's salt



Everzol Navy Blue RGB H/C

EVERLIGHT

Fastness before fixing treatment 固色前牢度表

Fastness		Depth of shade 染色濃度	Color change 變褪色	Staining 污染: Acetate 醋酸纖維	Cotton 棉	Nylon 尼龍	Polyester 聚酯	Acrylic 壓克力	Wool 羊毛
Washing 耐水洗	ISO C02	3.0%	4-5	5	5	5	5	5	5
	ISO C03		4-5	5	5	5	5	5	5
	ISO C04		3-4	5	4	4-5	5	5	3
	ISO C06-C1S		4-5	5	5	5	5	5	5
	ISO C06-C2S		4-5	5	5	5	5	5	5
	M&S C4A		4-5	5	5	5	5	5	5
Water 耐水		3.0%	4-5	5	5	5	5	5	5
Hot Water 耐熱水		3.0%	5	5	5	5	5	5	5
Sea Water 耐海水		3.0%	4-5	5	5	5	5	5	5
Post mercerizing 後絲光		3.0%	2-3B		4				
Acid hydrolysis 酸水解		3.0%	4-5	5	5	4-5	5	5	5
Perspiration 耐汗	Acid 酸	3.0%	4-5	5	5	4-5	5	5	5
	Alkali 鹼		4-5	5	5	5	5	5	5

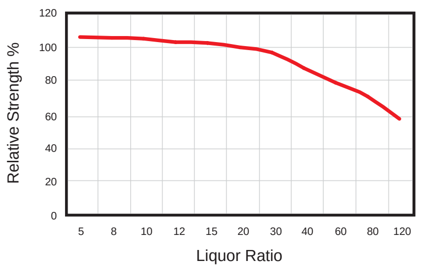
Fastness			Depth of shade 染色濃度	Grade 級數
Chlorinated Water耐氯水(20ppm)			3.0%	3-4
Peroxide Bleaching雙氧水漂白				4
Rubbing 耐摩擦	Dry 乾		3.0%	4-5
	Wet 濕			2-3
M&S C9A 擬溼日光 (detergent Light)			0.3%	>4-5
			3.0%	>4-5
M&S C10A (UK-TO)			3.0%	4-5
Saliva (DIN) 耐唾液			3.0%	5
Hot-Pressing 耐熱壓	Dry 乾	Immediately	3.0%	3-4 R
		4 Hours after		4-5
	Wet 濕	Immediately	3.0%	3-4 R
		4 Hours after		4-5
Dry cleaning 耐乾洗			3.0%	4-5

Light Fastness 日光堅牢度

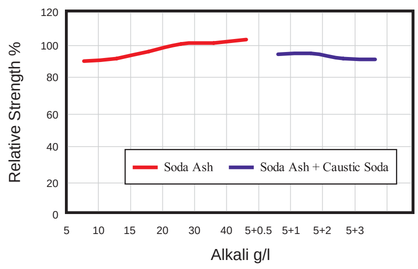
Evaluation	Dyeing Depth 染色濃度	Color Change 20 AFU	Grade ISO Blue Scale
Artificial Light (Xenon-Arc Lamp) 耐日光	0.1 %	2	3-4
	0.3 %	2-3	3-4
	1.0 %	3	4
	3.0 %	3-4	5-6
	6.0 %	4	5-6

Evaluation		Dyeing Depth 染色濃度	Color Change 20 AFU	Grade ISO Blue Scale
Perspiration Light 耐汗日光	Acid	3.0 %	2	3-4
	Alkali		2	3-4

浴比依存性 Dependency on Liquor ratio



鹼依存性 Dependency on alkali



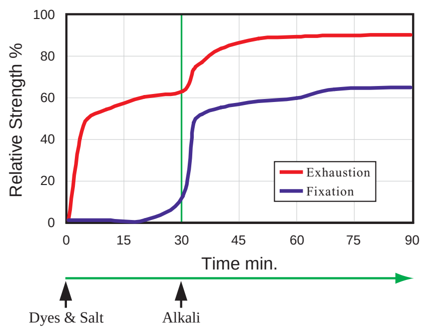
EVERLIGHT

Everzol Dark Blue LF

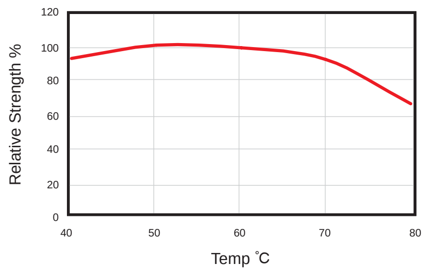
Dyeing Properties 特性

Characteristics		Evaluation
Reactivity 反應性		II
Substantivity 親和性		A
Migration 移染性		2
Washing off 洗淨性		3
Solubility g/l 溶解度	50℃ Water	100
	50℃ Water+50 g/l Salt	100
High temp. Dyeing 高溫染色性	Dyed fabric 色布	2-3
	Dye Liquor 染浴	4-5
Color constancy 色恆性	Tungsten Lamp	R
	TL 84 Lamp	R
Metallic ions 金屬離子	Fe++ 鐵	4-5G (Y)
	Cu++ 銅	4-5G (Y)
Resin finishing 樹脂加工	Melamine 三聚氰胺	4-5
	Glyoxal 乙二醛	5
Shade change after fixing treatment 固色後變色性	Polyamide 聚乙醯胺	5
	Quaternary ammonium salt 四級胺鹽	4-5
Stripping 脫色性	(1)	×
	(2)	○
	(3)	○
	(4)	○
Discharge ability 拔染性	Neutral 中性	1
	Alkaline 鹼性	1

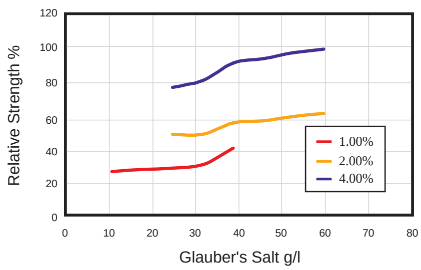
吸盡固著曲線 Exhaustion & Fixation



溫度依存性 Dependency on temperature



芒硝依存性 Dependency on Glauber's salt



Everzol Dark Blue LF

EVERLIGHT

Fastness before fixing treatment 固色前牢度表

Fastness		Depth of shade 染色濃度	Color change 變褪色	Staining 污染 Acetate 醋酸纖維	Staining 污染 Cotton 棉	Staining 污染 Nylon 尼龍	Staining 污染 Polyester 聚酯	Staining 污染 Acrylic 壓克力	Staining 污染 Wool 羊毛
Washing 耐水洗	ISO C02	1.0%	4-5	5	5	5	5	5	5
	ISO C03		4-5	5	4-5	5	5	5	4-5
	ISO C04		3	4-5	4-5	3	5	4-5	3
	ISO C06-C1S		4-5	5	4-5	5	5	5	4-5
	ISO C06-C2S		4-5	4-5	4	4-5	5	4	4
	M&S C4A		4-5	5	4-5	5	5	5	5
Water 耐水		1.0%	4-5	5	5	4-5	5	5	5
Hot Water 耐熱水		1.0%	4-5	5	3	3	4-5	5	4-5
Sea Water 耐海水		1.0%	4-5	5	5	5	5	5	5
Post mercerizing 後絲光		1.0%	4-5		4-5				
Acid hydrolysis 酸水解		1.0%	4-5	5	4-5	4-5	5	5	5
Perspiration 耐汗	Acid 酸	1.0%	4-5	5	4-5	4-5	5	5	5
	Alkali 鹼		4-5	5	4-5	4-5	5	5	5

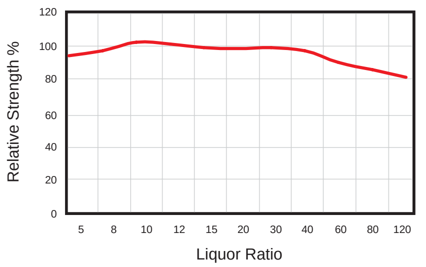
Fastness			Depth of shade 染色濃度	Grade 級數
Chlorinated Water耐氯水(20ppm)			1.0%	1-2
Peroxide Bleaching雙氧水漂白				3-4
Rubbing 耐摩擦	Dry 乾		1.0%	5
	Wet 濕			3-4
M&S C9A 擬溼日光 (detergent Light)			0.1%	4-5
			1.0%	4-5
M&S C10A (UK-TO)			1.0%	3-4
Saliva (DIN) 耐唾液			1.0%	4-5
Hot-Pressing 耐熱壓	Dry 乾	Immediately	1.0%	3-4R
		4 Hours after		5
	Wet 濕	Immediately	1.0%	3-4R
		4 Hours after		4-5
Dry cleaning 耐乾洗			1.0%	4-5

Light Fastness 日光堅牢度

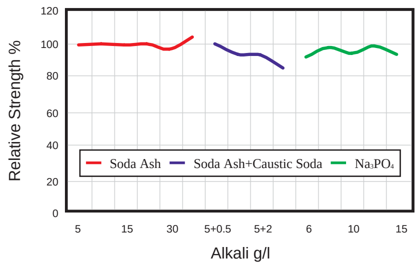
Evaluation	Dyeing Depth 染色濃度	Color Change 20 AFU	Grade ISO Blue Scale
Artificial Light (Xenon-Arc Lamp) 耐日光	0.1 %	3-4	5
	0.3 %	4	5-6
	1.0 %	4-5	6
	3.0 %	4-5	6
	6.0 %	*	*

Evaluation		Dyeing Depth 染色濃度	Color Change 20 AFU	Grade ISO Blue Scale
Perspiration Light 耐汗日光	Acid	1.0 %	3-4	5
	Alkali		2-3	4-5

浴比依存性 Dependency on Liquor ratio



鹼依存性 Dependency on alkali



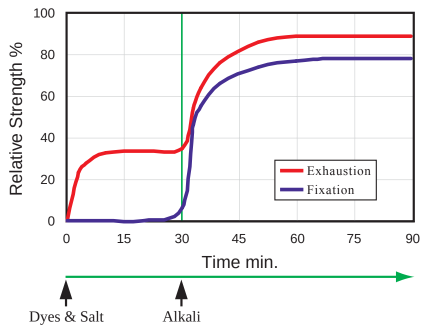
EVERLIGHT

Everzol Black B

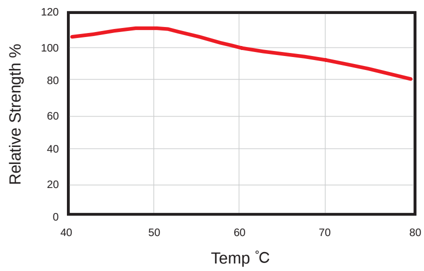
Dyeing Properties 特性

Characteristics		Evaluation
Reactivity 反應性		Ⅱ
Substantivity 親和性		B
Migration 移染性		4-5
Washing off 洗淨性		4-5
Solubility g/l 溶解度	50℃ Water	150
	50℃ Water+50 g/l Salt	150
High temp. Dyeing 高溫染色性	Dyed fabric 色布	1-2
	Dye Liquor 染浴	1-2
Color constancy 色恆性	Tungsten Lamp	R
	TL 84 Lamp	R
Metallic ions 金屬離子	Fe++ 鐵	5
	Cu++ 銅	4-5
Resin finishing 樹脂加工	Melamine 三聚氰胺	4-5
	Glyoxal 乙二醛	4-5
Shade change after fixing treatment 固色後變色性	Polyamide 聚乙醯胺	4-5 Y
	Quaternary ammonium salt 四級胺鹽	5
Stripping 脫色性	(1)	×
	(2)	△
	(3)	○
	(4)	○
Discharge ability 拔染性	Neutral 中性	3
	Alkaline 鹼性	4

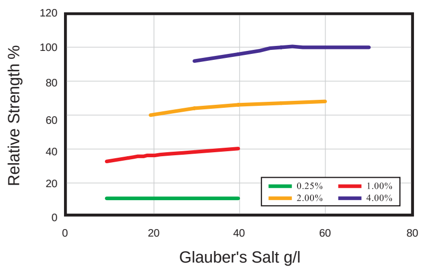
吸盡固著曲線 Exhaustion & Fixation



溫度依存性 Dependency on temperature



芒硝依存性 Dependency on Glauber's salt



Everzol Black B

EVERLIGHT

Fastness before fixing treatment 固色前牢度表

Fastness		Depth of shade 染色濃度	Color change 變褪色	Staining 污染 Acetate 醋酸纖維	Cotton 棉	Nylon 尼龍	Polyester 聚酯	Acrylic 壓克力	Wool 羊毛
Washing 耐水洗	ISO C02	3.0%	5	5	5	5	5	5	5
	ISO C03		5	5	5	5	5	5	5
	ISO C04		4-5	5	3	5	5	5	3
	ISO C06-C1S		4-5	5	5	5	5	4-5	5
	ISO C06-C2S		4-5	5	5	5	5	5	5
	M&S C4A		5	5	5	5	5	5	5
Water 耐水		3.0%	5	5	5	5	5	5	5
Hot Water 耐熱水		3.0%	4-5	5	4-5	5	5	5	5
Sea Water 耐海水		3.0%	5	5	5	5	5	5	5
Post mercerizing 後絲光		3.0%	2-3R		4				
Acid hydrolysis 酸水解		3.0%	4	4-5	4-5	4-5	5	4-5	4-5
Perspiration 耐汗	Acid 酸	3.0%	4-5	5	5	5	5	5	5
	Alkali 鹼		5	5	5	5	5	5	5

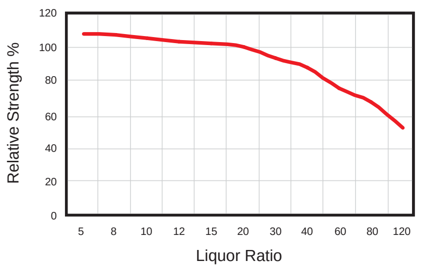
Fastness			Depth of shade 染色濃度	Grade 級數
Chlorinated Water耐氯水(20ppm)			3.0%	3
Peroxide Bleaching雙氧水漂白				4-5
Rubbing 耐摩擦	Dry 乾		3.0%	4-5
	Wet 濕			2-3
M&S C9A 擬溼日光 (detergent Light)			1.0%	3
			6.0%	4-5
M&S C10A (UK-TO)			6.0%	4
Saliva (DIN) 耐唾液			3.0%	5
Hot-Pressing 耐熱壓	Dry 乾	Immediately	3.0%	4
		4 Hours after		4-5
	Wet 濕	Immediately	3.0%	4
		4 Hours after		4-5
Dry cleaning 耐乾洗			3.0%	4-5

Light Fastness 日光堅牢度

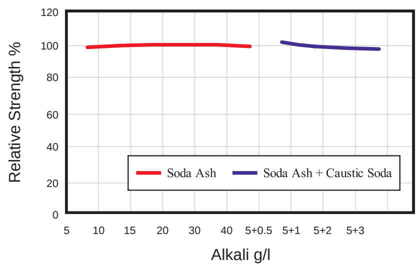
Evaluation	Dyeing Depth 染色濃度	Color Change 20 AFU	Grade ISO Blue Scale
Artificial Light (Xenon-Arc Lamp) 耐日光	0.1 %	*	*
	0.3 %	2-3	3-4
	1.0 %	3-4	4
	3.0 %	4	4-5
	6.0 %	4-5	5

Evaluation		Dyeing Depth 染色濃度	Color Change 20 AFU	Grade ISO Blue Scale
Perspiration Light 耐汗日光	Acid	3.0 %	2	4-5
	Alkali		2	3-4

浴比依存性 Dependency on Liquor ratio



鹼依存性 Dependency on alkali



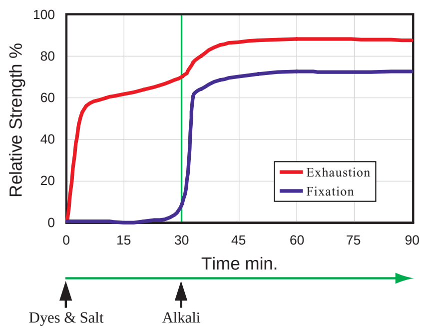
EVERLIGHT

Everzol Black C-RL

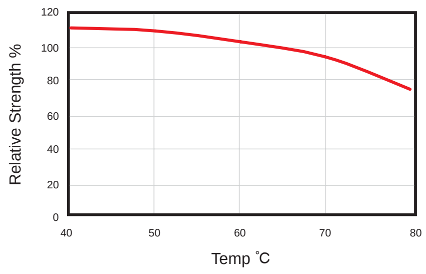
Dyeing Properties 特性

Characteristics		Evaluation
Reactivity 反應性		II
Substantivity 親和性		A
Migration 移染性		2
Washing off 洗淨性		2-3
Solubility g/l 溶解度	50℃ Water	100
	50℃ Water+50 g/l Salt	100
High temp. Dyeing 高溫染色性	Dyed fabric 色布	4
	Dye Liquor 染浴	4-5
Color constancy 色恆性	Tungsten Lamp	R
	TL 84 Lamp	R (B)
Metallic ions 金屬離子	Fe++ 鐵	4-5
	Cu++ 銅	4-5
Resin finishing 樹脂加工	Melamine 三聚氰胺	4-5
	Glyoxal 乙二醛	4
Shade change after fixing treatment 固色後變色性	Polyamide 聚乙醯胺	4
	Quaternary ammonium salt 四級胺鹽	4-5
Stripping 脫色性	(1)	×
	(2)	×
	(3)	○
	(4)	○
Discharge ability 拔染性	Neutral 中性	4
	Alkaline 鹼性	4-5

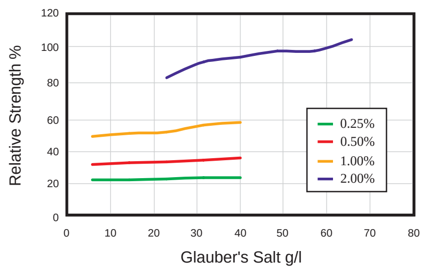
吸盡固著曲線 Exhaustion & Fixation



溫度依存性 Dependency on temperature



芒硝依存性 Dependency on Glauber's salt



Everzol Black C-RL

EVERLIGHT

Fastness before fixing treatment 固色前牢度表

Fastness		Depth of shade 染色濃度	Color change 變褪色	Staining 污染: Acetate 醋酸纖維	Cotton 棉	Nylon 尼龍	Polyester 聚酯	Acrylic 壓克力	Wool 羊毛
Washing 耐水洗	ISO C02	1.0%	4-5	5	5	5	5	5	5
	ISO C03		4-5	5	5	5	5	5	5
	ISO C04		4	5	5	5	5	5	5
	ISO C06-C1S		5	5	5	5	5	5	5
	ISO C06-C2S		5	5	5	5	5	5	5
	M&S C4A		5	5	5	5	5	5	5
Water 耐水		1.0%	5	5	5	5	5	5	5
Hot Water 耐熱水		1.0%	5	5	4-5	5	5	5	5
Sea Water 耐海水		1.0%	5	5	5	5	5	5	5
Post mercerizing 後絲光		1.0%	3R(Y)		4-5				
Acid hydrolysis 酸水解		1.0%	5	5	5	4-5	5	5	5
Perspiration 耐汗	Acid 酸	1.0%	5	5	5	5	5	5	5
	Alkali 鹼		5	5	5	5	5	5	5

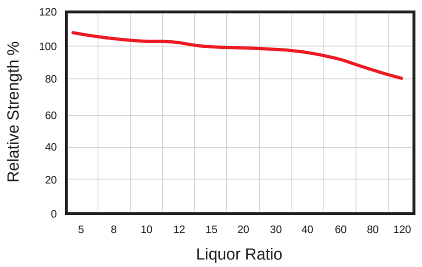
Fastness			Depth of shade 染色濃度	Grade 級數
Chlorinated Water耐氯水(20ppm)			1.0%	1
Peroxide Bleaching雙氧水漂白				2-3
Rubbing 耐摩擦	Dry 乾		1.0%	5
	Wet 濕			4-5
M&S C9A 擬溼日光 (detergent Light)			0.1%	>4-5
			1.0%	>4-5
M&S C10A (UK-TO)			1.0%	2-3
Saliva (DIN) 耐唾液			1.0%	4-5
Hot-Pressing 耐熱壓	Dry 乾	Immediately	1.0%	4-5Y
		4 Hours after		5
	Wet 濕	Immediately	1.0%	4Y
		4 Hours after		5
Dry cleaning 耐乾洗			1.0%	4-5

Light Fastness 日光堅牢度

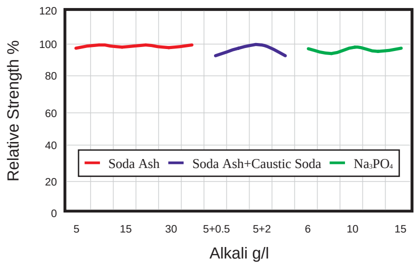
Evaluation	Dyeing Depth 染色濃度	Color Change 20 AFU	Grade ISO Blue Scale
Artificial Light (Xenon-Arc Lamp) 耐日光	0.1 %	3-4	4-5
	0.3 %	3-4	5
	1.0 %	4	5-6
	3.0 %	4-5	6
	6.0 %	*	*

Evaluation		Dyeing Depth 染色濃度	Color Change 20 AFU	Grade ISO Blue Scale
Perspiration Light 耐汗日光	Acid	1.0 %	4	5
	Alkali		3	4

浴比依存性 Dependency on Liquor ratio



鹼依存性 Dependency on alkali



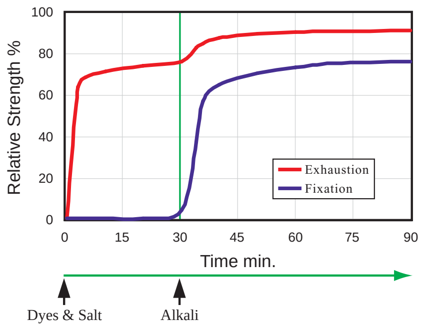
EVERLIGHT

Everzol Yellow LX

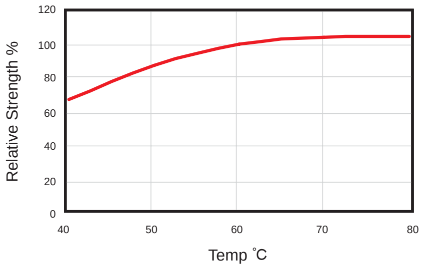
Dyeing Properties 特性

Characteristics		Evaluation
Reactivity 反應性		II
Substantivity 親和性		A
Migration 移染性		4
Washing off 洗淨性		4
Solubility g/l 溶解度	50℃ Water	120
	50℃ Water+50 g/l Salt	120
High temp. Dyeing 高溫染色性	Dyed fabric 色布	1-2
	Dye Liquor 染浴	1-2
Color constancy 色恆性	Tungsten Lamp	Y
	TL 84 Lamp	Y
Metallic ions 金屬離子	Fe++ 鐵	4-5
	Cu++ 銅	4G
Resin finishing 樹脂加工	Melamine 三聚氰胺	5
	Glyoxal 乙二醛	5
Shade change after fixing treatment 固色後變色性	Polyamide 聚乙醯胺	5
	Quaternary ammonium salt 四級胺鹽	5
Stripping 脫色性	(1)	×
	(2)	△
	(3)	×
	(4)	△
Discharge ability 拔染性	Neutral 中性	4
	Alkaline 鹼性	3

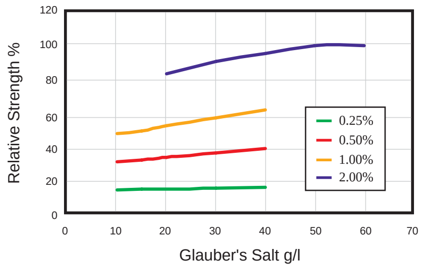
吸盡固著曲線 Exhaustion & Fixation



溫度依存性 Dependency on temperature



芒硝依存性 Dependency on Glauber's salt



Everzol Yellow LX

EVERLIGHT

Fastness before fixing treatment 固色前牢度表

Fastness		Depth of shade 染色濃度	Color change 變褪色	Staining 污染 Acetate 醋酸纖維	Cotton 棉	Nylon 尼龍	Polyester 聚酯	Acrylic 壓克力	Wool 羊毛
Washing 耐水洗	ISO C02	1.0%	5	5	5	5	5	5	5
	ISO C03		5	5	5	5	5	5	5
	ISO C04		5	5	4	5	5	5	5
	ISO C06-C1S		5	5	5	5	5	5	5
	ISO C06-C2S		5	5	5	5	5	5	5
	M&S C4A		5	5	5	5	5	5	5
Water 耐水		1.0%	5	5	5	5	5	5	5
Hot Water 耐熱水		1.0%	5	5	5	5	5	5	5
Sea Water 耐海水		1.0%	5	5	5	5	5	5	5
Post mercerizing 後絲光		1.0%	4R		4-5				
Acid hydrolysis 酸水解		1.0%	4-5	5	4-5	5	5	5	5
Perspiration 耐汗	Acid 酸	1.0%	5	5	5	5	5	5	5
	Alkali 鹼		5	5	5	5	5	5	5

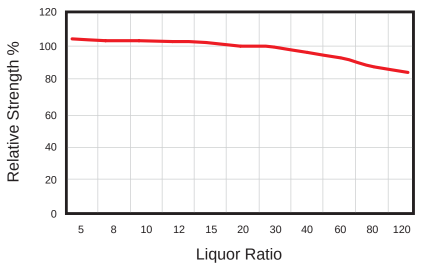
Fastness			Depth of shade 染色濃度	Grade 級數
Chlorinated Water耐氯水(20ppm)			1.0%	4-5
Peroxide Bleaching雙氧水漂白				4
Rubbing 耐摩擦	Dry 乾		1.0%	5
	Wet 濕			4
M&S C9A 擬溼日光 (detergent Light)			0.1%	>4-5
			1.0%	>4-5
M&S C10A (UK-TO)			1.0%	4-5
Saliva (DIN) 耐唾液			1.0%	5
Hot-Pressing 耐熱壓	Dry 乾	Immediately	1.0%	4
		4 Hours after		4-5
	Wet 濕	Immediately	1.0%	4
		4 Hours after		4-5
Dry cleaning 耐乾洗			1.0%	4-5

Light Fastness 日光堅牢度

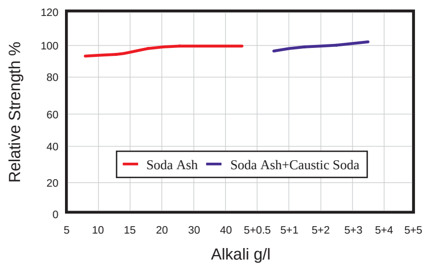
Evaluation	Dyeing Depth 染色濃度	Color Change 20 AFU	Grade ISO Blue Scale
Artificial Light (Xenon-Arc Lamp) 耐日光	0.1 %	4-5	6
	0.3 %	>4-5	>6
	1.0 %	>4-5	>6
	3.0 %	>4-5	>6
	6.0 %	*	*

Evaluation		Dyeing Depth 染色濃度	Color Change 20 AFU	Grade ISO Blue Scale
Perspiration Light 耐汗日光	Acid	1.0 %	4-5	>6
	Alkali		4-5	5

浴比依存性 Dependency on Liquor ratio



鹼依存性 Dependency on alkali



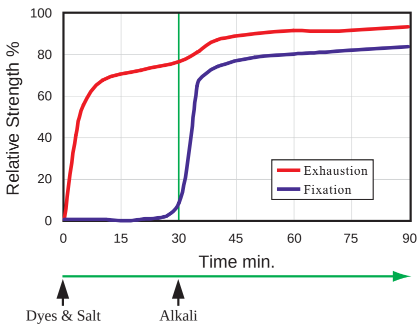
EVERLIGHT

Everzol Red LX

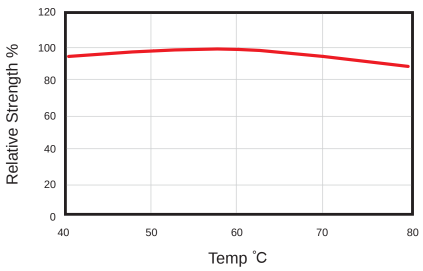
Dyeing Properties 特性

Characteristics		Evaluation
Reactivity 反應性		II
Substantivity 親和性		A
Migration 移染性		4
Washing off 洗淨性		3
Solubility g/l 溶解度	50℃ Water	100
	50℃ Water+50 g/l Salt	100
High temp. Dyeing 高溫染色性	Dyed fabric 色布	3-4
	Dye Liquor 染浴	4
Color constancy 色恆性	Tungsten Lamp	R (Y)
	TL 84 Lamp	Y
Metallic ions 金屬離子	Fe++ 鐵	4-5
	Cu++ 銅	1
Resin finishing 樹脂加工	Melamine 三聚氰胺	4-5
	Glyoxal 乙二醛	4
Shade change after fixing treatment 固色後變色性	Polyamide 聚乙醯胺	4-5
	Quaternary ammonium salt 四級胺鹽	4-5
Stripping 脱色性	(1)	×
	(2)	○
	(3)	○
	(4)	○
Discharge ability 拔染性	Neutral 中性	3-4
	Alkaline 鹼性	3

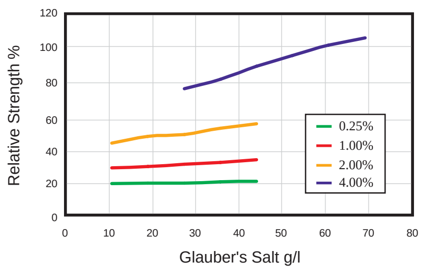
吸盡固著曲線 Exhaustion & Fixation



溫度依存性 Dependency on temperature



芒硝依存性 Dependency on Glauber's salt



Everzol Red LX

EVERLIGHT

Fastness before fixing treatment 固色前牢度表

Fastness \ Evaluation		Depth of shade 染色濃度	Color change 變褪色	Staining 污染: Acetate 醋酸纖維	Cotton 棉	Nylon 尼龍	Polyester 聚酯	Acrylic 壓克力	Wool 羊毛
Washing 耐水洗	ISO C02	1.0%	5	5	5	5	5	5	5
	ISO C03		5	5	5	5	5	5	5
	ISO C04		4-5	5	4	5	5	5	5
	ISO C06-C1S		5	5	5	5	5	5	5
	ISO C06-C2S		5	5	5	5	5	5	5
	M&S C4A		5	5	5	5	5	5	5
Water 耐水		1.0%	5	5	5	5	5	5	5
Hot Water 耐熱水		1.0%	5	5	4-5	4-5	5	5	5
Sea Water 耐海水		1.0%	5	5	5	5	5	5	5
Post mercerizing 後絲光		1.0%	2-3(B)		4-5				
Acid hydrolysis 酸水解		1.0%	5	5	4-5	4	5	5	5
Perspiration 耐汗	Acid 酸	1.0%	5	5	5	5	5	5	5
	Alkali 鹼		5	5	5	5	5	5	5

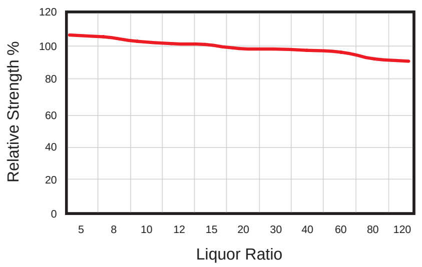
Fastness \ Evaluation			Depth of shade 染色濃度	Grade 級數
Chlorinated Water耐氯水(20ppm)			1.0%	3
Peroxide Bleaching雙氧水漂白				4-5
Rubbing 耐摩擦	Dry 乾		1.0%	5
	Wet 濕			4
M&S C9A 擬溼日光 (detergent Light)			0.1%	4-5
			1.0%	4-5
M&S C10A (UK-TO)			1.0%	5
Saliva (DIN) 耐唾液			1.0%	4-5
Hot-Pressing 耐熱壓	Dry 乾	Immediately	1.0%	3B
		4 Hours after		4-5
	Wet 濕	Immediately	1.0%	3-4B
		4 Hours after		4-5
Dry cleaning 耐乾洗			1.0%	4-5

Light Fastness 日光堅牢度

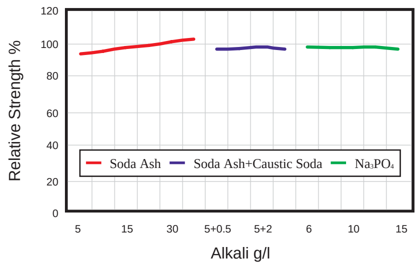
Evaluation	Dyeing Depth 染色濃度	Color Change 20 AFU	Grade ISO Blue Scale
Artificial Light (Xenon-Arc Lamp) 耐日光	0.1 %	2-3	4
	0.3 %	3	4-5
	1.0 %	3-4	4-5
	3.0 %	4	5-6
	6.0 %	*	*

Evaluation		Dyeing Depth 染色濃度	Color Change 20 AFU	Grade ISO Blue Scale
Perspiration Light 耐汗日光	Acid	1.0 %	3	4
	Alkali		2-3	3-4

浴比依存性 Dependency on Liquor ratio



鹼依存性 Dependency on alkali



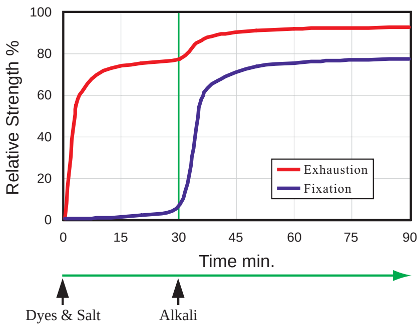
EVERLIGHT®

Everzol Blue LX

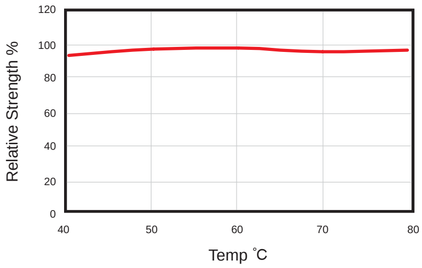
Dyeing Properties 特性

Characteristics		Evaluation
Reactivity 反應性		II
Substantivity 親和性		A
Migration 移染性		4
Washing off 洗淨性		4
Solubility g/l 溶解度	50℃ Water	100
	50℃ Water+50 g/l Salt	20
High temp. Dyeing 高溫染色性	Dyed fabric 色布	3
	Dye Liquor 染浴	2
Color constancy 色恆性	Tungsten Lamp	G
	TL 84 Lamp	B (G)
Metallic ions 金屬離子	Fe++ 鐵	4
	Cu++ 銅	4-5
Resin finishing 樹脂加工	Melamine 三聚氰胺	5
	Glyoxal 乙二醛	4-5
Shade change after fixing treatment 固色後變色性	Polyamide 聚乙醯胺	4-5
	Quaternary ammonium salt 四級胺鹽	5
Stripping 脫色性	(1)	×
	(2)	×
	(3)	×
	(4)	×
Discharge ability 拔染性	Neutral 中性	4
	Alkaline 鹼性	4

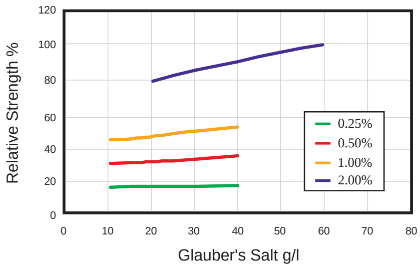
吸盡固著曲線 Exhaustion & Fixation



溫度依存性 Dependency on temperature



芒硝依存性 Dependency on Glauber's salt



Everzol Blue LX

EVERLIGHT

Fastness before fixing treatment 固色前牢度表

Fastness / Evaluation		Depth of shade 染色濃度	Color change 變褪色	Staining 污染 Acetate 醋酸纖維	Cotton 棉	Nylon 尼龍	Polyester 聚酯	Acrylic 壓克力	Wool 羊毛
Washing 耐水洗	ISO C02	1.0%	4-5	5	4-5	5	5	5	5
	ISO C03		5	5	4-5	5	5	5	5
	ISO C04		4-5	5	3-4	5	5	5	4
	ISO C06-C1S		4-5	5	4-5	5	5	5	5
	ISO C06-C2S		4-5	5	4-5	5	5	5	5
	M&S C4A		5	5	4-5	5	5	5	5
Water 耐水		1.0%	5	5	5	5	5	5	5
Hot Water 耐熱水		1.0%	5	4-5	5	4	5	5	5
Sea Water 耐海水		1.0%	4-5	5	5	5	5	5	5
Post mercerizing 後絲光		1.0%	4-5		5				
Acid hydrolysis 酸水解		1.0%	4-5	4-5	4-5	4-5	5	5	5
Perspiration 耐汗	Acid 酸	1.0%	5	5	5	4-5	5	5	5
	Alkali 鹼		5	5	5	4-5	5	5	5

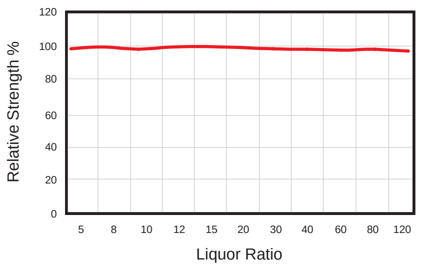
Fastness / Evaluation			Depth of shade 染色濃度	Grade 級數
Chlorinated Water耐氯水(20ppm)			1.0%	2-3
Peroxide Bleaching雙氧水漂白				2-3
Rubbing 耐摩擦	Dry 乾		1.0%	5
	Wet 濕			3-4
M&S C9A 擬溼日光 (detergent Light)			0.1%	4-5
			1.0%	4-5
M&S C10A (UK-TO)			1.0%	4-5
Saliva (DIN) 耐唾液			1.0%	5
Hot-Pressing 耐熱壓	Dry 乾	Immediately	1.0%	4-5
		4 Hours after		5
	Wet 濕	Immediately	1.0%	4
		4 Hours after		4-5
Dry cleaning 耐乾洗			1.0%	4-5

Light Fastness 日光堅牢度

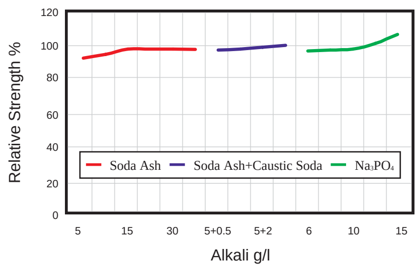
Evaluation	Dyeing Depth 染色濃度	Color Change 20 AFU	Grade ISO Blue Scale
Artificial Light (Xenon-Arc Lamp) 耐日光	0.1 %	4-5	5-6
	0.3 %	4-5	6
	1.0 %	4-5	6
	3.0 %	4-5	>6
	6.0 %	*	*

Evaluation		Dyeing Depth 染色濃度	Color Change 20 AFU	Grade ISO Blue Scale
Perspiration Light 耐汗日光	Acid	1.0 %	3-4	5
	Alkali		3-4	4-5

浴比依存性 Dependency on Liquor ratio



鹼依存性 Dependency on alkali

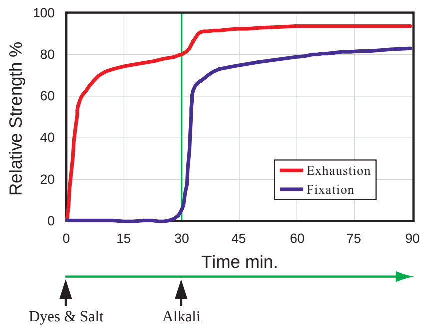


Everzol Navy LX

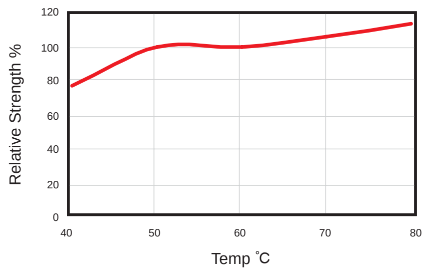
Dyeing Properties 特性

Characteristics		Evaluation
Reactivity 反應性		II
Substantivity 親和性		A
Migration 移染性		4-5
Washing off 洗淨性		3-4
Solubility g/l 溶解度	50℃ Water	100
	50℃ Water+50 g/l Salt	100
High temp. Dyeing 高溫染色性	Dyed fabric 色布	2-3
	Dye Liquor 染浴	2-3
Color constancy 色恆性	Tungsten Lamp	1-2 R
	TL 84 Lamp	2 R
Metallic ions 金屬離子	Fe++ 鐵	4-5
	Cu++ 銅	3 G
Resin finishing 樹脂加工	Melamine 三聚氰胺	4-5
	Glyoxal 乙二醛	5
Shade change after fixing treatment 固色後變色性	Polyamide 聚乙醯胺	4-5
	Quaternary ammonium salt 四級胺鹽	5
Stripping 脫色性	(1)	×
	(2)	×
	(3)	△
	(4)	×
Discharge ability 拔染性	Neutral 中性	4-5
	Alkaline 鹼性	3-4

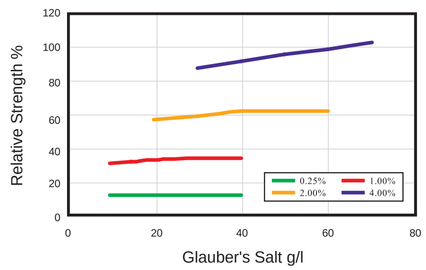
吸盡固著曲線 Exhaustion & Fixation



溫度依存性 Dependency on temperature



芒硝依存性 Dependency on Glauber's salt



Everzol Navy LX

EVERLIGHT

Fastness before fixing treatment 固色前牢度表

Fastness \ Evaluation		Depth of shade 染色濃度	Color change 變褪色	Staining 污染: Acetate 醋酸纖維	Cotton 棉	Nylon 尼龍	Polyester 聚酯	Acrylic 壓克力	Wool 羊毛
Washing 耐水洗	ISO C02	3.0%	5	5	4-5	5	5	5	5
	ISO C03		4-5	5	4-5	5	5	5	5
	ISO C04		5	5	4	5	5	5	4
	ISO C06-C1S		4-5	5	4-5	5	5	5	5
	ISO C06-C2S		4-5	5	5	5	5	5	5
	M&S C4A		4-5	5	5	5	5	5	5
Water 耐水		3.0%	5	5	4-5	4-5	5	5	4
Hot Water 耐熱水		3.0%	5	5	5	5	5	5	5
Sea Water 耐海水		3.0%	5	5	4	5	5	5	5
Post mercerizing 後絲光		3.0%	2-3R		4				
Acid hydrolysis 酸水解		3.0%	4-5	5	4-5	4-5	5	5	4-5
Perspiration 耐汗	Acid 酸	3.0%	5	5	4-5	4-5	5	5	5
	Alkali 鹼		5	5	4-5	4-5	5	5	5

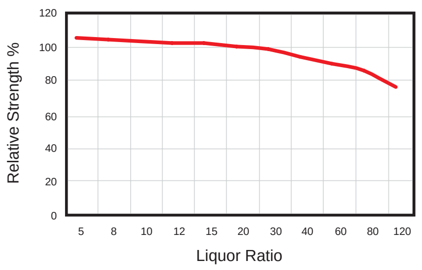
Fastness \ Evaluation			Depth of shade 染色濃度	Grade 級數
Chlorinated Water耐氯水(20ppm)			3.0%	4-5
Peroxide Bleaching雙氧水漂白				4-5
Rubbing 耐摩擦	Dry 乾		3.0%	5
	Wet 濕			2-3
M&S C9A 擬溼日光 (detergent Light)			0.3%	>4-5
			3.0%	>4-5
M&S C10A (UK-TO)			3.0%	4-5
Saliva (DIN) 耐唾液			3.0%	4-5
Hot-Pressing 耐熱壓	Dry 乾	Immediately	3.0%	4-5
		4 Hours after		5
	Wet 濕	Immediately	3.0%	4-5
		4 Hours after		4-5
Dry cleaning 耐乾洗			3.0%	4-5

Light Fastness 日光堅牢度

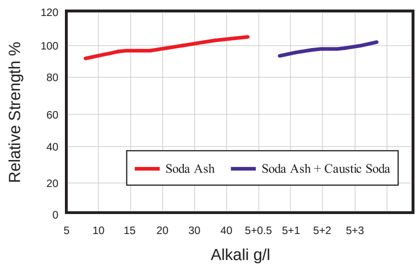
Evaluation	Dyeing Depth 染色濃度	Color Change 20 AFU	Grade ISO Blue Scale
Artificial Light (Xenon-Arc Lamp) 耐日光	0.1 %	2-3	3-4
	0.3 %	3	3-4
	1.0 %	3-4	4
	3.0 %	4	4-5
	6.0 %	4-5	5

Evaluation		Dyeing Depth 染色濃度	Color Change 20 AFU	Grade ISO Blue Scale
Perspiration Light 耐汗日光	Acid	3.0 %	2	5-6
	Alkali		2	3-4

浴比依存性 Dependency on Liquor ratio



鹼依存性 Dependency on alkali

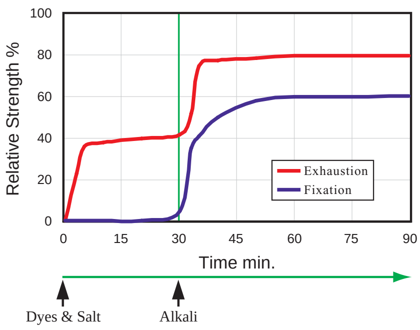


Everzol Yellow ED-2G

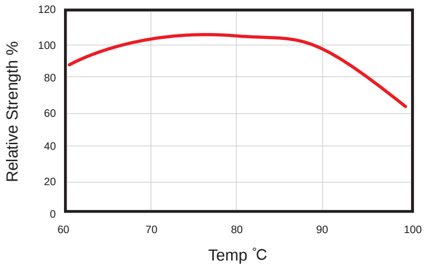
Dyeing Properties 特性

Characteristics		Evaluation
Reactivity 反應性		Ⅱ
Substantivity 親和性		B
Migration 移染性		4-5
Washing off 洗淨性		3-4
Solubility g/l 溶解度	50℃ Water	100
	50℃ Water+50 g/l Salt	100
High temp. Dyeing 高溫染色性	Dyed fabric 色布	2-3R
	Dye Liquor 染浴	3-4R
Color constancy 色恆性	Tungsten Lamp	G
	TL 84 Lamp	G
Metallic ions 金屬離子	Fe++ 鐵	4-5
	Cu++ 銅	2-3
Resin finishing 樹脂加工	Melamine 三聚氰胺	5
	Glyoxal 乙二醛	5
Shade change after fixing treatment 固色後變色性	Polyamide 聚乙醯胺	4-5
	Quaternary ammonium salt 四級胺鹽	4-5
Stripping 脫色性	(1)	×
	(2)	×
	(3)	△
	(4)	○
Discharge ability 拔染性	Neutral 中性	4-5
	Alkaline 鹼性	4-5

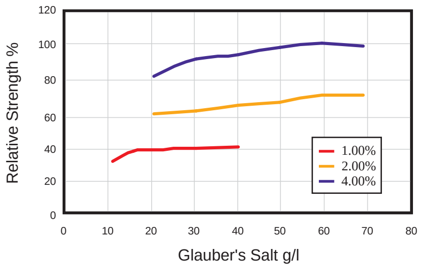
吸盡固著曲線 Exhaustion & Fixation



溫度依存性 Dependency on temperature



芒硝依存性 Dependency on Glauber's salt



Everzol Yellow ED-2G

EVERLIGHT

Fastness before fixing treatment 固色前牢度表

Fastness \ Evaluation		Depth of shade 染色濃度	Color change 變褪色	Staining 污染: Acetate 醋酸纖維	Staining 污染: Cotton 棉	Staining 污染: Nylon 尼龍	Staining 污染: Polyester 聚酯	Staining 污染: Acrylic 壓克力	Staining 污染: Wool 羊毛
Washing 耐水洗	ISO C02	3.0%	5	5	5	5	5	5	5
	ISO C03		5	5	5	5	5	5	5
	ISO C04		5	5	4	5	5	5	3-4
	ISO C06-C1S		4-5	5	4-5	5	5	5	5
	ISO C06-C2S		4-5	5	4-5	5	5	5	5
	M&S C4A		4-5	5	4-5	5	5	5	5
Water 耐水		3.0%	4-5	5	5	5	5	5	5
Hot Water 耐熱水		3.0%	4-5	5	5	5	5	5	5
Sea Water 耐海水		3.0%	4-5	5	4-5	5	5	5	5
Post mercerizing 後絲光		3.0%	4-5		4-5				
Acid hydrolysis 酸水解		3.0%	4-5	5	4-5	3-4	5	5	3-4
Perspiration 耐汗	Acid 酸	3.0%	5	5	5	5	5	5	5
	Alkali 鹼		5	5	5	5	5	5	5

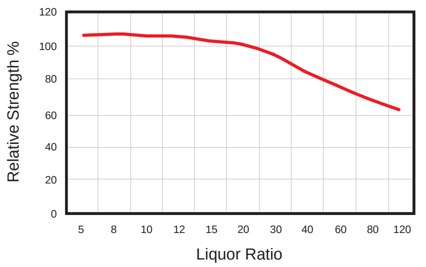
Fastness \ Evaluation			Depth of shade 染色濃度	Grade 級數
Chlorinated Water耐氯水(20ppm)			3.0%	3
Peroxide Bleaching雙氧水漂白				2-3
Rubbing 耐摩擦	Dry 乾		3.0%	5
	Wet 濕			3-4
M&S C9A 擬溼日光 (detergent Light)			0.3%	4-5
			3.0%	4-5
M&S C10A (UK-TO)			3.0%	3
Saliva (DIN) 耐唾液			3.0%	5
Hot-Pressing 耐熱壓	Dry 乾	Immediately	3.0%	5
		4 Hours after		5
	Wet 濕	Immediately	3.0%	5
		4 Hours after		5
Dry cleaning 耐乾洗			3.0%	4-5

Light Fastness 日光堅牢度

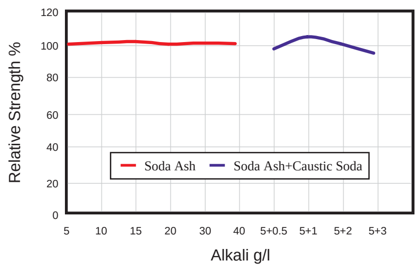
Evaluation	Dyeing Depth 染色濃度	Color Change 20 AFU	Grade ISO Blue Scale
Artificial Light (Xenon-Arc Lamp) 耐日光	0.1 %	*	*
	0.3 %	4	5
	1.0 %	4-5	6
	3.0 %	4-5	>6
	6.0 %	4-5	>6

Evaluation		Dyeing Depth 染色濃度	Color Change 20 AFU	Grade ISO Blue Scale
Perspiration Light 耐汗日光	Acid	3.0 %	4	5-6
	Alkali		2-3	3-4

浴比依存性 Dependency on Liquor ratio



鹼依存性 Dependency on alkali



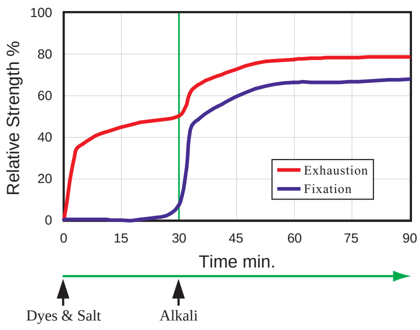
EVERLIGHT

Everzol Yellow ED-R

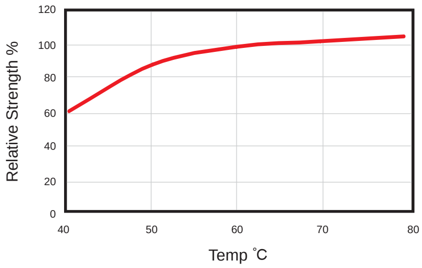
Dyeing Properties 特性

Characteristics		Evaluation
Reactivity 反應性		II
Substantivity 親和性		B
Migration 移染性		2-3
Washing off 洗淨性		4
Solubility g/l 溶解度	50℃ Water	75
	50℃ Water+50 g/l Salt	75
High temp. Dyeing 高溫染色性	Dyed fabric 色布	3-4
	Dye Liquor 染浴	4
Color constancy 色恆性	Tungsten Lamp	R
	TL 84 Lamp	R
Metallic ions 金屬離子	Fe++ 鐵	4-5
	Cu++ 銅	4
Resin finishing 樹脂加工	Melamine 三聚氰胺	5
	Glyoxal 乙二醛	5
Shade change after fixing treatment 固色後變色性	Polyamide 聚乙醯胺	4-5
	Quaternary ammonium salt 四級胺鹽	4-5
Stripping 脫色性	(1)	×
	(2)	×
	(3)	△
	(4)	△
Discharge ability 拔染性	Neutral 中性	3
	Alkaline 鹼性	2-3

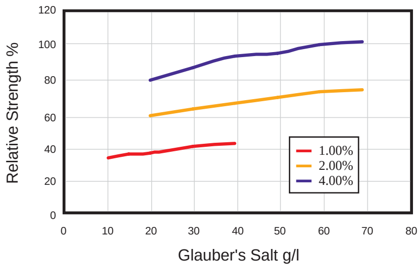
吸盡固著曲線 Exhaustion & Fixation



溫度依存性 Dependency on temperature



芒硝依存性 Dependency on Glauber's salt



Everzol Yellow ED-R

EVERLIGHT

Fastness before fixing treatment 固色前牢度表

Fastness \ Evaluation		Depth of shade 染色濃度	Color change 變褪色	Staining 污染: Acetate 醋酸纖維	Cotton 棉	Nylon 尼龍	Polyester 聚酯	Acrylic 壓克力	Wool 羊毛
Washing 耐水洗	ISO C02	3.0%	4-5	5	4-5	5	5	5	5
	ISO C03		4-5	5	4-5	5	5	5	5
	ISO C04		4-5	5	4	5	5	5	4
	ISO C06-C1S		4-5	5	4-5	5	5	5	5
	ISO C06-C2S		4-5	5	4-5	5	5	5	5
	M&S C4A		4-5	5	4-5	5	5	5	5
Water 耐水		3.0%	4-5	5	5	5	5	5	5
Hot Water 耐熱水		3.0%	4-5	5	5	5	5	5	5
Sea Water 耐海水		3.0%	4	5	4-5	5	5	5	5
Post mercerizing 後絲光		3.0%	4		4-5				
Acid hydrolysis 酸水解		3.0%	4-5	5	4-5	4	5	5	4-5
Perspiration 耐汗	Acid 酸	3.0%	4-5	5	4-5	5	5	5	5
	Alkali 鹼		4-5	5	4-5	5	5	5	5

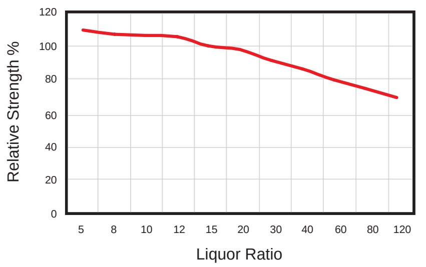
Fastness \ Evaluation			Depth of shade 染色濃度	Grade 級數
Chlorinated Water耐氯水(20ppm)			3.0%	2-3
Peroxide Bleaching雙氧水漂白				4-5
Rubbing 耐摩擦	Dry 乾		3.0%	5
	Wet 濕			3-4
M&S C9A 擬溼日光 (detergent Light)			0.3%	5
			3.0%	5
M&S C10A (UK-TO)			3.0%	4-5
Saliva (DIN) 耐唾液			3.0%	5
Hot-Pressing 耐熱壓	Dry 乾	Immediately	3.0%	5
		4 Hours after		5
	Wet 濕	Immediately	3.0%	4-5
		4 Hours after		5
Dry cleaning 耐乾洗			3.0%	4-5

Light Fastness 日光堅牢度

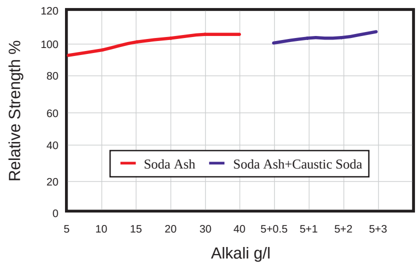
Evaluation	Dyeing Depth 染色濃度	Color Change 20 AFU	Grade ISO Blue Scale
Artificial Light (Xenon-Arc Lamp) 耐日光	0.1 %	*	*
	0.3 %	4-5	5-6
	1.0 %	4-5	>6
	3.0 %	4-5	>6
	6.0 %	4-5	>6

Evaluation		Dyeing Depth 染色濃度	Color Change 20 AFU	Grade ISO Blue Scale
Perspiration Light 耐汗日光	Acid	3.0 %	4	5-6
	Alkali		4	5

浴比依存性 Dependency on Liquor ratio



鹼依存性 Dependency on alkali



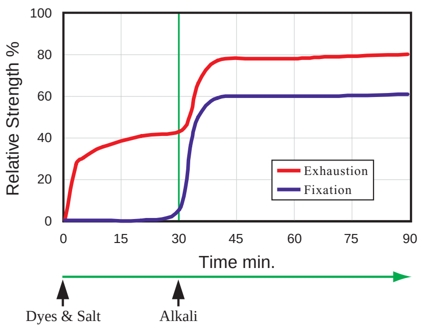
EVERLIGHT

Everzol Yellow ED

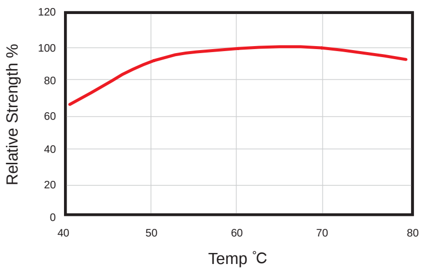
Dyeing Properties 特性

Characteristics		Evaluation
Reactivity 反應性		II
Substantivity 親和性		B
Migration 移染性		2
Washing off 洗淨性		4
Solubility g/l 溶解度	50℃ Water	100
	50℃ Water+50 g/l Salt	100
High temp. Dyeing 高溫染色性	Dyed fabric 色布	3-4
	Dye Liquor 染浴	4
Color constancy 色恆性	Tungsten Lamp	G
	TL 84 Lamp	G
Metallic ions 金屬離子	Fe++ 鐵	4-5
	Cu++ 銅	4
Resin finishing 樹脂加工	Melamine 三聚氰胺	5
	Glyoxal 乙二醛	5
Shade change after fixing treatment 固色後變色性	Polyamide 聚乙醯胺	4-5
	Quaternary ammonium salt 四級胺鹽	4-5
Stripping 脫色性	(1)	×
	(2)	×
	(3)	△
	(4)	△
Discharge ability 拔染性	Neutral 中性	4-5
	Alkaline 鹼性	3

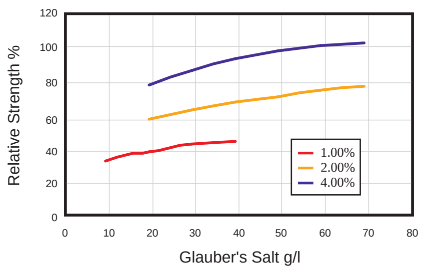
吸盡固著曲線 Exhaustion & Fixation



溫度依存性 Dependency on temperature



芒硝依存性 Dependency on Glauber's salt



Everzol Yellow ED

EVERLIGHT

Fastness before fixing treatment 固色前牢度表

Fastness \ Evaluation		Depth of shade 染色濃度	Color change 變褪色	Staining 污染: Acetate 醋酸纖維	Staining 污染: Cotton 棉	Staining 污染: Nylon 尼龍	Staining 污染: Polyester 聚酯	Staining 污染: Acrylic 壓克力	Staining 污染: Wool 羊毛
Washing 耐水洗	ISO C02	3.0%	4-5	5	4-5	5	5	5	5
	ISO C03		4-5	5	4-5	5	5	5	5
	ISO C04		4-5	5	4	5	5	5	4
	ISO C06-C1S		4-5	5	4	5	5	5	5
	ISO C06-C2S		4-5	5	4-5	5	5	5	5
	M&S C4A		4-5	5	4-5	5	5	5	5
Water 耐水		3.0%	4-5	5	5	5	5	5	5
Hot Water 耐熱水		3.0%	4-5	5	5	5	5	5	5
Sea Water 耐海水		3.0%	4-5	5	4-5	5	5	5	5
Post mercerizing 後絲光		3.0%	3-4		4-5				
Acid hydrolysis 酸水解		3.0%	4	5	4-5	4	5	5	4
Perspiration 耐汗	Acid 酸	3.0%	4-5	5	4	5	5	5	5
	Alkali 鹼		4-5	5	4	4-5	5	5	5

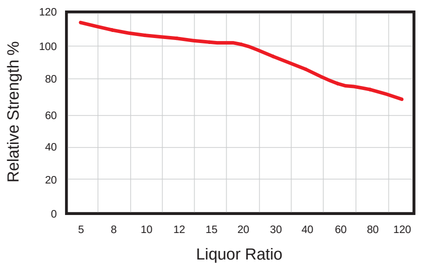
Fastness \ Evaluation			Depth of shade 染色濃度	Grade 級數
Chlorinated Water耐氯水(20ppm)			3.0%	2
Peroxide Bleaching雙氧水漂白				4
Rubbing 耐摩擦	Dry 乾		3.0%	5
	Wet 濕			3-4
M&S C9A 擬溼日光 (detergent Light)			0.3%	5
			3.0%	5
M&S C10A (UK-TO)			3.0%	4-5
Saliva (DIN) 耐唾液			3.0%	5
Hot-Pressing 耐熱壓	Dry 乾	Immediately	3.0%	5
		4 Hours after		5
	Wet 濕	Immediately	3.0%	5
		4 Hours after		5
Dry cleaning 耐乾洗			3.0%	4-5

Light Fastness 日光堅牢度

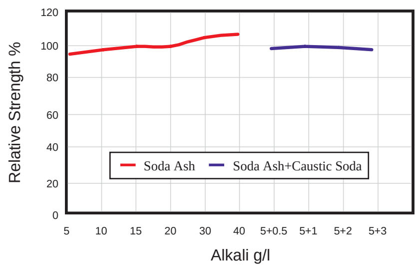
Evaluation	Dyeing Depth 染色濃度	Color Change 20 AFU	Grade ISO Blue Scale
Artificial Light (Xenon-Arc Lamp) 耐日光	0.1 %	*	*
	0.3 %	4	5
	1.0 %	4-5	6
	3.0 %	4-5	>6
	6.0 %	4-5	>6

Evaluation		Dyeing Depth 染色濃度	Color Change 20 AFU	Grade ISO Blue Scale
Perspiration Light 耐汗日光	Acid	3.0 %	4	5-6
	Alkali		4	5

浴比依存性 Dependency on Liquor ratio



鹼依存性 Dependency on alkali



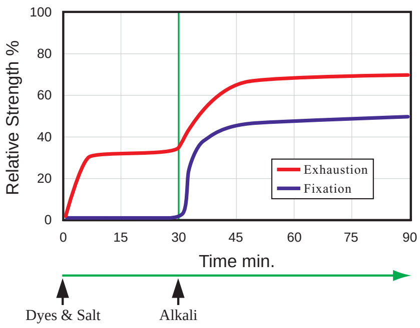
EVERLIGHT

Everzol Yellow ED-S

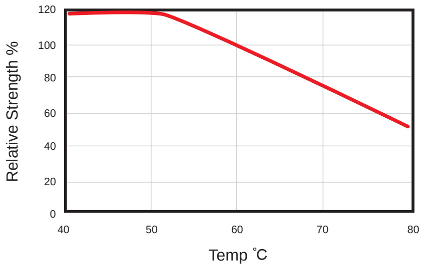
Dyeing Properties 特性

Characteristics		Evaluation
Reactivity 反應性		II
Substantivity 親和性		B
Migration 移染性		4
Washing off 洗淨性		4-5
Solubility g/l 溶解度	50℃ Water	100
	50℃ Water+50 g/l Salt	100
High temp. Dyeing 高溫染色性	Dyed fabric 色布	3-4G
	Dye Liquor 染浴	4G
Color constancy 色恆性	Tungsten Lamp	Y
	TL 84 Lamp	Y
Metallic ions 金屬離子	Fe++ 鐵	4-5
	Cu++ 銅	2-3G
Resin finishing 樹脂加工	Melamine 三聚氰胺	2-3
	Glyoxal 乙二醛	2-3
Shade change after fixing treatment 固色後變色性	Polyamide 聚乙醯胺	4-5
	Quaternary ammonium salt 四級胺鹽	4-5
Stripping 脫色性	(1)	×
	(2)	×
	(3)	△
	(4)	△
Discharge ability 拔染性	Neutral 中性	4-5
	Alkaline 鹼性	4-5

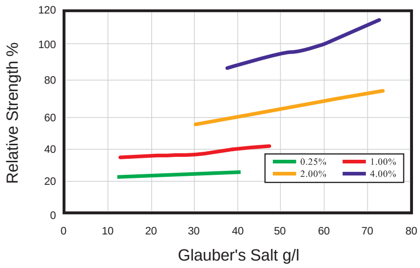
吸盡固著曲線 Exhaustion & Fixation



溫度依存性 Dependency on temperature



芒硝依存性 Dependency on Glauber's salt



Everzol Yellow ED-S

EVERLIGHT

Fastness before fixing treatment 固色前牢度表

Fastness		Depth of shade 染色濃度	Color change 變褪色	Staining 污染: Acetate 醋酸纖維	Staining 污染: Cotton 棉	Staining 污染: Nylon 尼龍	Staining 污染: Polyester 聚酯	Staining 污染: Acrylic 壓克力	Staining 污染: Wool 羊毛
Washing 耐水洗	ISO C02	3.0%	4-5	5	5	5	5	4-5	5
	ISO C03		4-5	5	5	5	5	4-5	4-5
	ISO C04		4-5	5	4	4-5	5	5	2
	ISO C06-C1S		4-5	5	5	5	5	4-5	5
	ISO C06-C2S		4-5	5	5	5	5	4-5	5
	M&S C4A		4-5	5	5	5	5	5	5
Water 耐水		3.0%	4-5	5	5	5	5	5	5
Hot Water 耐熱水		3.0%	4-5	5	5	4-5	5	5	5
Sea Water 耐海水		3.0%	4-5	5	5	5	5	5	5
Post mercerizing 後絲光		3.0%	3-4		2				
Acid hydrolysis 酸水解		3.0%	4-5	5	5	5	5	5	5
Perspiration 耐汗	Acid 酸	3.0%	4-5	5	5	5	5	5	5
	Alkali 鹼		4-5	5	5	5	5	5	5

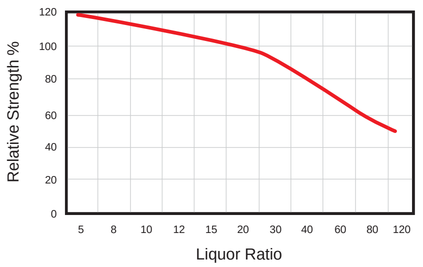
Fastness			Depth of shade 染色濃度	Grade 級數
Chlorinated Water耐氯水(20ppm)			3.0%	3
Peroxide Bleaching雙氧水漂白				4
Rubbing 耐摩擦	Dry 乾		3.0%	4-5
	Wet 濕			3-4
M&S C9A 擬溼日光 (detergent Light)			0.3%	4-5
			3.0%	4-5
M&S C10A (UK-TO)			3.0%	4-5
Saliva (DIN) 耐唾液			3.0%	5
Hot-Pressing 耐熱壓	Dry 乾	Immediately	3.0%	4
		4 Hours after		4-5
	Wet 濕	Immediately	3.0%	4
		4 Hours after		4-5
Dry cleaning 耐乾洗			3.0%	4-5

Light Fastness 日光堅牢度

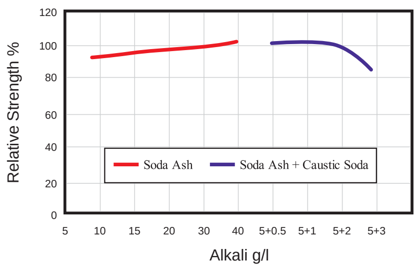
Evaluation	Dyeing Depth 染色濃度	Color Change 20 AFU	Grade ISO Blue Scale
Artificial Light (Xenon-Arc Lamp) 耐日光	0.1 %	3	4-5
	0.3 %	3	5
	1.0 %	3-4	5-6
	3.0 %	4	6
	6.0 %	4	6

Evaluation		Dyeing Depth 染色濃度	Color Change 20 AFU	Grade ISO Blue Scale
Perspiration Light 耐汗日光	Acid	3.0 %	3-4	5
	Alkali		4-5	5-6

浴比依存性 Dependency on Liquor ratio



鹼依存性 Dependency on alkali



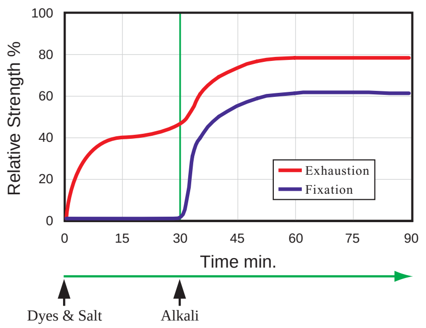
EVERLIGHT ®

Everzol Orange ED

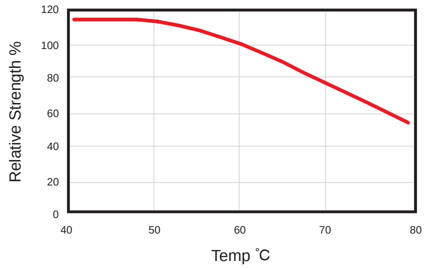
Dyeing Properties 特性

Characteristics		Evaluation
Reactivity 反應性		II
Substantivity 親和性		B
Migration 移染性		4
Washing off 洗淨性		4
Solubility g/l 溶解度	50℃ Water	100
	50℃ Water+50 g/l Salt	100
High temp. Dyeing 高溫染色性	Dyed fabric 色布	4
	Dye Liquor 染浴	4-5
Color constancy 色恆性	Tungsten Lamp	R
	TL 84 Lamp	Y
Metallic ions 金屬離子	Fe++ 鐵	4-5
	Cu++ 銅	2-3
Resin finishing 樹脂加工	Melamine 三聚氰胺	4
	Glyoxal 乙二醛	3-4
Shade change after fixing treatment 固色後變色性	Polyamide 聚乙醯胺	4-5
	Quaternary ammonium salt 四級胺鹽	4-5
Stripping 脫色性	(1)	△
	(2)	△
	(3)	○
	(4)	○
Discharge ability 拔染性	Neutral 中性	4-5
	Alkaline 鹼性	4-5

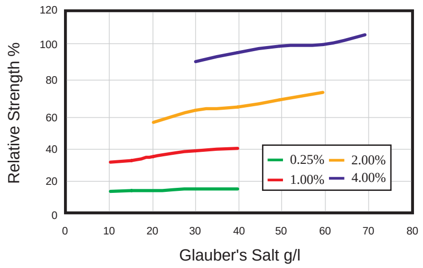
吸盡固著曲線 Exhaustion & Fixation



溫度依存性 Dependency on temperature



芒硝依存性 Dependency on Glauber's salt



Everzol Orange ED

EVERLIGHT

Fastness before fixing treatment 固色前牢度表

Fastness		Depth of shade 染色濃度	Color change 變褪色	Staining 污染: Acetate 醋酸纖維	Staining 污染: Cotton 棉	Staining 污染: Nylon 尼龍	Staining 污染: Polyester 聚酯	Staining 污染: Acrylic 壓克力	Staining 污染: Wool 羊毛
Washing 耐水洗	ISO C02	3.0%	4-5	5	4	5	5	5	5
	ISO C03		4-5	5	4	5	5	5	5
	ISO C04		4	5	3-4	4-5	5	5	2-3
	ISO C06-C1S		4-5	5	4	5	5	5	5
	ISO C06-C2S		4-5	5	4	5	5	5	5
	M&S C4A		4-5	5	4-5	5	5	5	5
Water 耐水		3.0%	4-5	5	5	5	5	5	5
Hot Water 耐熱水		3.0%	4-5	5	5	3	5	5	5
Sea Water 耐海水		3.0%	4-5	5	5	5	5	5	5
Post mercerizing 後絲光		3.0%	3-4R		3-4				
Acid hydrolysis 酸水解		3.0%	4-5	5	5	5	5	5	5
Perspiration 耐汗	Acid 酸	3.0%	4-5	5	5	5	5	5	5
	Alkali 鹼		4-5	5	4-5	5	5	5	5

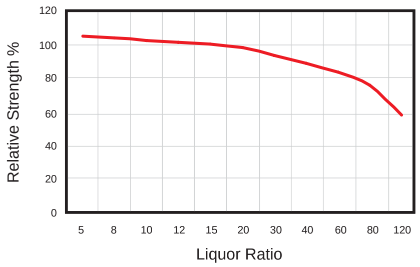
Fastness			Depth of shade 染色濃度	Grade 級數
Chlorinated Water耐氯水(20ppm)			3.0%	2-3
Peroxide Bleaching雙氧水漂白				3
Rubbing 耐摩擦	Dry 乾		3.0%	4-5
	Wet 濕			2-3
M&S C9A 擬溼日光 (detergent Light)			0.3%	4-5
			3.0%	4-5
M&S C10A (UK-TO)			3.0%	4
Saliva (DIN) 耐唾液			3.0%	4-5
Hot-Pressing 耐熱壓	Dry 乾	Immediately	3.0%	4
		4 Hours after		5
	Wet 濕	Immediately	3.0%	4
		4 Hours after		5
Dry cleaning 耐乾洗			3.0%	4-5

Light Fastness 日光堅牢度

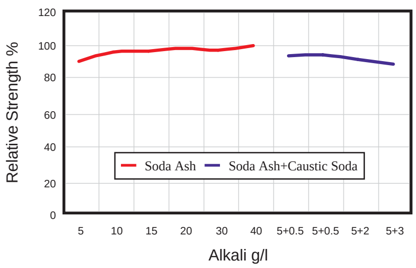
Evaluation	Dyeing Depth 染色濃度	Color Change 20 AFU	Grade ISO Blue Scale
Artificial Light (Xenon-Arc Lamp) 耐日光	0.1 %	*	*
	0.3 %	4	5
	1.0 %	4-5	5-6
	3.0 %	4-5	6
	6.0 %	4-5	6

Evaluation		Dyeing Depth 染色濃度	Color Change 20 AFU	Grade ISO Blue Scale
Perspiration Light 耐汗日光	Acid	3.0 %	4-5	6
	Alkali		4-5	6

浴比依存性 Dependency on Liquor ratio



鹼依存性 Dependency on alkali

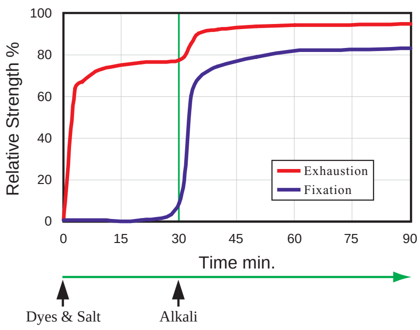


Everzol Orange ED-2R

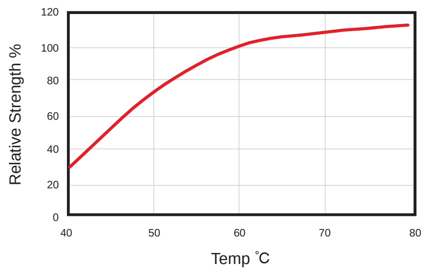
Dyeing Properties 特性

Characteristics		Evaluation
Reactivity 反應性		II
Substantivity 親和性		A
Migration 移染性		1-2
Washing off 洗淨性		3
Solubility g/l 溶解度	50℃ Water	100
	50℃ Water+50 g/l Salt	30
High temp. Dyeing 高溫染色性	Dyed fabric 色布	2-3
	Dye Liquor 染浴	4
Color constancy 色恆性	Tungsten Lamp	Y
	TL 84 Lamp	Y
Metallic ions 金屬離子	Fe++ 鐵	4-5
	Cu++ 銅	2-3
Resin finishing 樹脂加工	Melamine 三聚氰胺	5
	Glyoxal 乙二醛	5
Shade change after fixing treatment 固色後變色性	Polyamide 聚乙醯胺	4-5
	Quaternary ammonium salt 四級胺鹽	4-5
Stripping 脫色性	(1)	×
	(2)	△
	(3)	△
	(4)	△
Discharge ability 拔染性	Neutral 中性	2
	Alkaline 鹼性	2

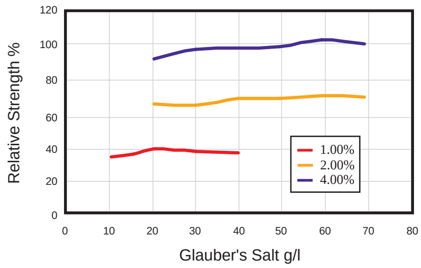
吸盡固著曲線 Exhaustion & Fixation



溫度依存性 Dependency on temperature



芒硝依存性 Dependency on Glauber's salt



Everzol Orange ED-2R

EVERLIGHT

Fastness before fixing treatment 固色前牢度表

Fastness		Depth of shade 染色濃度	Color change 變褪色	Staining 污染: Acetate 醋酸纖維	Staining 污染: Cotton 棉	Staining 污染: Nylon 尼龍	Staining 污染: Polyester 聚酯	Staining 污染: Acrylic 壓克力	Staining 污染: Wool 羊毛
Washing 耐水洗	ISO C02	3.0%	4-5	5	4	5	5	5	5
	ISO C03		4-5	5	4	5	5	5	5
	ISO C04		4-5	5	2-3	5	5	4-5	3-4
	ISO C06-C1S		3-4	5	3-4	5	5	4-5	5
	ISO C06-C2S		3-4	5	3-4	5	5	4-5	5
	M&S C4A		4-5	5	4	5	5	5	5
Water 耐水		3.0%	4-5	5	5	5	5	5	5
Hot Water 耐熱水		3.0%	4-5	5	5	5	5	5	5
Sea Water 耐海水		3.0%	3-4	5	4-5	5	5	5	5
Post mercerizing 後絲光		3.0%	3-4		4-5				
Acid hydrolysis 酸水解		3.0%	4	5	3-4	3-4	5	5	3-4
Perspiration 耐汗	Acid 酸	3.0%	4-5	5	4-5	5	5	5	5
	Alkali 鹼		4-5	5	4-5	5	5	5	5

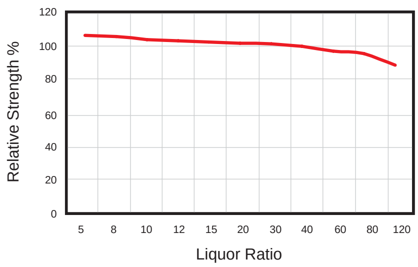
Fastness			Depth of shade 染色濃度	Grade 級數
Chlorinated Water耐氯水(20ppm)			3.0%	4-5
Peroxide Bleaching雙氧水漂白				3-4
Rubbing 耐摩擦	Dry 乾		3.0%	5
	Wet 濕			3
M&S C9A 擬溼日光 (detergent Light)			0.3%	4
			3.0%	4-5
M&S C10A (UK-TO)			3.0%	4
Saliva (DIN) 耐唾液			3.0%	5
Hot-Pressing 耐熱壓	Dry 乾	Immediately	3.0%	4
		4 Hours after		5
	Wet 濕	Immediately	3.0%	4
		4 Hours after		5
Dry cleaning 耐乾洗			3.0%	4-5

Light Fastness 日光堅牢度

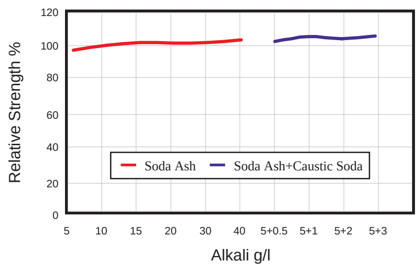
Evaluation	Dyeing Depth 染色濃度	Color Change 20 AFU	Grade ISO Blue Scale
Artificial Light (Xenon-Arc Lamp) 耐日光	0.1 %	*	*
	0.3 %	2	3
	1.0 %	2-3	3-4
	3.0 %	3	4
	6.0 %	3-4	4-5

Evaluation		Dyeing Depth 染色濃度	Color Change 20 AFU	Grade ISO Blue Scale
Perspiration Light 耐汗日光	Acid	3.0 %	3	4
	Alkali		3	3-4

浴比依存性 Dependency on Liquor ratio



鹼依存性 Dependency on alkali



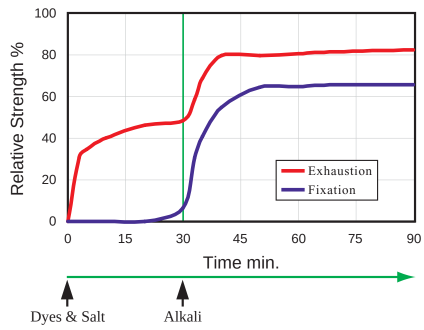
EVERLIGHT

Everzol Red ED

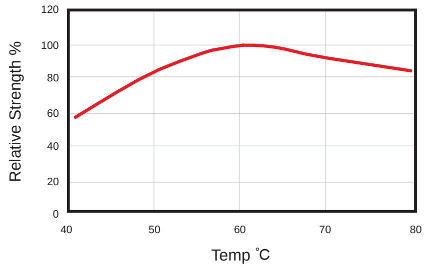
Dyeing Properties 特性

Characteristics		Evaluation
Reactivity 反應性		II
Substantivity 親和性		B
Migration 移染性		2-3
Washing off 洗淨性		4
Solubility g/l 溶解度	50℃ Water	100
	50℃ Water+50 g/l Salt	100
High temp. Dyeing 高溫染色性	Dyed fabric 色布	4-5
	Dye Liquor 染浴	5
Color constancy 色恆性	Tungsten Lamp	B
	TL 84 Lamp	B
Metallic ions 金屬離子	Fe++ 鐵	4
	Cu++ 銅	2-3
Resin finishing 樹脂加工	Melamine 三聚氰胺	5
	Glyoxal 乙二醛	5
Shade change after fixing treatment 固色後變色性	Polyamide 聚乙醯胺	4
	Quaternary ammonium salt 四級胺鹽	4
Stripping 脫色性	(1)	×
	(2)	△
	(3)	△
	(4)	△
Discharge ability 拔染性	Neutral 中性	2-3
	Alkaline 鹼性	1-2

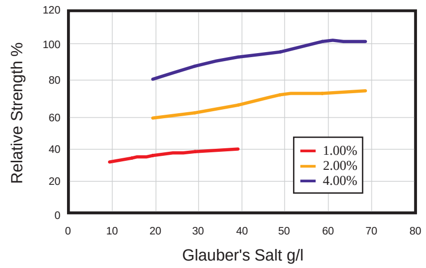
吸盡固著曲線 Exhaustion & Fixation



溫度依存性 Dependency on temperature



芒硝依存性 Dependency on Glauber's salt



EVERLIGHT

Everzol Red ED

Fastness before fixing treatment 固色前牢度表

Fastness		Depth of shade 染色濃度	Color change 變褪色	Staining 污染: Acetate 醋酸纖維	Cotton 棉	Nylon 尼龍	Polyester 聚酯	Acrylic 壓克力	Wool 羊毛
Washing 耐水洗	ISO C02	3.0%	4-5	5	4-5	5	5	5	5
	ISO C03		4-5	5	4-5	5	5	5	5
	ISO C04		4-5	5	4	5	5	5	4
	ISO C06-C1S		4-5	5	4	5	5	4-5	5
	ISO C06-C2S		4-5	5	4	5	5	4-5	5
	M&S C4A		4-5	5	4-5	5	5	5	5
Water 耐水		3.0%	4-5	5	4-5	4-5	5	5	5
Hot Water 耐熱水		3.0%	4-5	5	5	5	5	5	5
Sea Water 耐海水		3.0%	4-5	5	4	5	5	4	4-5
Post mercerizing 後絲光		3.0%	3		4-5				
Acid hydrolysis 酸水解		3.0%	4-5	5	2-3	2-3	5	4-5	3
Perspiration 耐汗	Acid 酸	3.0%	4-5	5	4	5	5	5	4-5
	Alkali 鹼		4-5	5	4	5	5	5	4-5

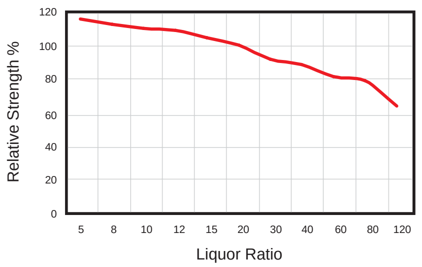
Fastness			Depth of shade 染色濃度	Grade 級數
Chlorinated Water耐氯水(20ppm)			3.0%	3-4
Peroxide Bleaching雙氧水漂白				4
Rubbing 耐摩擦	Dry 乾		3.0%	5
	Wet 濕			3
M&S C9A 擬溼日光 (detergent Light)			0.3%	4-5
			3.0%	4
M&S C10A (UK-TO)			3.0%	4-5
Saliva (DIN) 耐唾液			3.0%	5
Hot-Pressing 耐熱壓	Dry 乾	Immediately	3.0%	4
		4 Hours after		5
	Wet 濕	Immediately	3.0%	4
		4 Hours after		5
Dry cleaning 耐乾洗			3.0%	4-5

Light Fastness 日光堅牢度

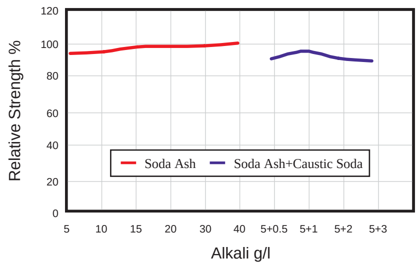
Evaluation	Dyeing Depth 染色濃度	Color Change 20 AFU	Grade ISO Blue Scale
Artificial Light (Xenon-Arc Lamp) 耐日光	0.1 %	*	*
	0.3 %	2	3-4
	1.0 %	2-3	4
	3.0 %	3	4-5
	6.0 %	3-4	5

Evaluation		Dyeing Depth 染色濃度	Color Change 20 AFU	Grade ISO Blue Scale
Perspiration Light 耐汗日光	Acid	3.0 %	3	4
	Alkali		3	4

浴比依存性 Dependency on Liquor ratio



鹼依存性 Dependency on alkali

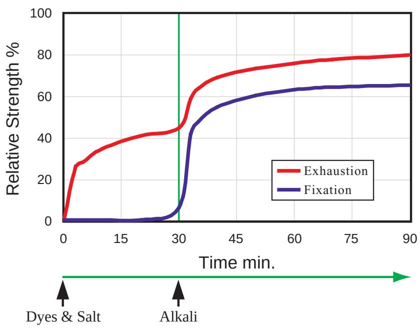


Everzol Red ED-2B

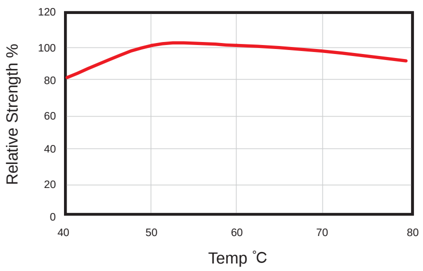
Dyeing Properties 特性

Characteristics		Evaluation
Reactivity 反應性		II
Substantivity 親和性		B
Migration 移染性		1
Washing off 洗淨性		3-4
Solubility g/l 溶解度	50℃ Water	150
	50℃ Water+50 g/l Salt	150
High temp. Dyeing 高溫染色性	Dyed fabric 色布	4-5
	Dye Liquor 染浴	5
Color constancy 色恆性	Tungsten Lamp	B
	TL 84 Lamp	Y
Metallic ions 金屬離子	Fe++ 鐵	4-5
	Cu++ 銅	1-2 B
Resin finishing 樹脂加工	Melamine 三聚氰胺	5
	Glyoxal 乙二醛	5
Shade change after fixing treatment 固色後變色性	Polyamide 聚乙醯胺	3
	Quaternary ammonium salt 四級胺鹽	3
Stripping 脫色性	(1)	×
	(2)	△
	(3)	○
	(4)	○
Discharge ability 拔染性	Neutral 中性	2-3
	Alkaline 鹼性	1-2

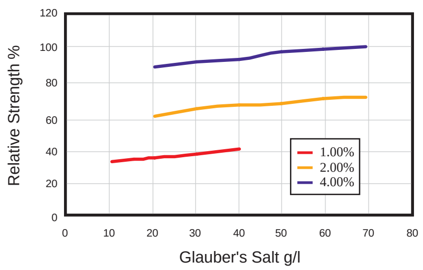
吸盡固著曲線 Exhaustion & Fixation



溫度依存性 Dependency on temperature



芒硝依存性 Dependency on Glauber's salt



Everzol Red ED-2B

EVERLIGHT

Fastness before fixing treatment 固色前牢度表

Fastness \ Evaluation		Depth of shade 染色濃度	Color change 變褪色	Staining 污染: Acetate 醋酸纖維	Cotton 棉	Nylon 尼龍	Polyester 聚酯	Acrylic 壓克力	Wool 羊毛
Washing 耐水洗	ISO C02	3.0%	4-5	5	4-5	5	5	5	5
	ISO C03		4-5	5	4-5	5	5	5	5
	ISO C04		4-5	5	3	5	5	5	4
	ISO C06-C1S		4-5	5	4	5	5	4-5	5
	ISO C06-C2S		4-5	5	4	5	5	4-5	5
	M&S C4A		4-5	5	4-5	5	5	5	5
Water 耐水		3.0%	4-5	5	5	4-5	5	5	5
Hot Water 耐熱水		3.0%	4-5	5	5	5	5	5	5
Sea Water 耐海水		3.0%	4	5	4-5	5	5	4-5	5
Post mercerizing 後絲光		3.0%	2-3		4-5				
Acid hydrolysis 酸水解		3.0%	3-4	5	4	3	5	5	3-4
Perspiration 耐汗	Acid 酸	3.0%	4-5	5	4-5	5	5	5	5
	Alkali 鹼		4-5	5	4	5	5	5	5

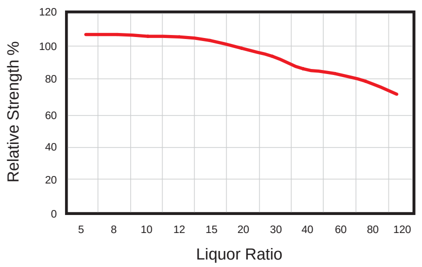
Fastness \ Evaluation			Depth of shade 染色濃度	Grade 級數
Chlorinated Water耐氯水(20ppm)			3.0%	3
Peroxide Bleaching雙氧水漂白				3-4
Rubbing 耐摩擦	Dry 乾		3.0%	5
	Wet 濕			2-3
M&S C9A 擬澄日光 (detergent Light)			0.3%	3
			3.0%	4
M&S C10A (UK-TO)			3.0%	3-4
Saliva (DIN) 耐唾液			3.0%	5
Hot-Pressing 耐熱壓	Dry 乾	Immediately	3.0%	4
		4 Hours after		5
	Wet 濕	Immediately	3.0%	4-5
		4 Hours after		4-5
Dry cleaning 耐乾洗			3.0%	4-5

Light Fastness 日光堅牢度

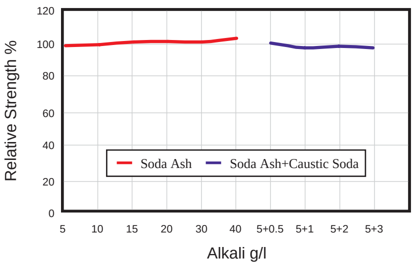
Evaluation	Dyeing Depth 染色濃度	Color Change 20 AFU	Grade ISO Blue Scale
Artificial Light (Xenon-Arc Lamp) 耐日光	0.1 %	*	*
	0.3 %	2-3	4
	1.0 %	3	4-5
	3.0 %	3-4	5
	6.0 %	4	5-6

Evaluation		Dyeing Depth 染色濃度	Color Change 20 AFU	Grade ISO Blue Scale
Perspiration Light 耐汗日光	Acid	3.0 %	2-3	4
	Alkali		2-3	4

浴比依存性 Dependency on Liquor ratio



鹼依存性 Dependency on alkali



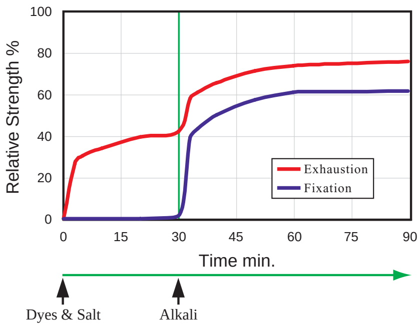
EVERLIGHT®

Everzol Red ED-3B

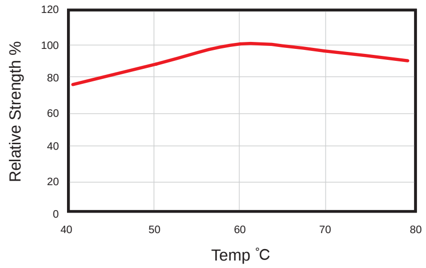
Dyeing Properties 特性

Characteristics		Evaluation
Reactivity 反應性		II
Substantivity 親和性		B
Migration 移染性		1-2
Washing off 洗淨性		4
Solubility g/l 溶解度	50℃ Water	100
	50℃ Water+50 g/l Salt	100
High temp. Dyeing 高溫染色性	Dyed fabric 色布	4-5
	Dye Liquor 染浴	4-5
Color constancy 色恆性	Tungsten Lamp	B
	TL 84 Lamp	B
Metallic ions 金屬離子	Fe++ 鐵	4-5
	Cu++ 銅	1-2 B
Resin finishing 樹脂加工	Melamine 三聚氰胺	5
	Glyoxal 乙二醛	5
Shade change after fixing treatment 固色後變色性	Polyamide 聚乙醯胺	3
	Quaternary ammonium salt 四級胺鹽	3
Stripping 脫色性	(1)	×
	(2)	△
	(3)	○
	(4)	○
Discharge ability 拔染性	Neutral 中性	2-3
	Alkaline 鹼性	1-2

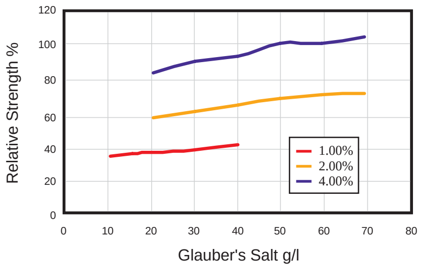
吸盡固著曲線 Exhaustion & Fixation



溫度依存性 Dependency on temperature



芒硝依存性 Dependency on Glauber's salt



Everzol Red ED-3B

EVERLIGHT

Fastness before fixing treatment 固色前牢度表

Fastness \ Evaluation		Depth of shade 染色濃度	Color change 變褪色	Staining 污染: Acetate 醋酸纖維	Cotton 棉	Nylon 尼龍	Polyester 聚酯	Acrylic 壓克力	Wool 羊毛
Washing 耐水洗	ISO C02	3.0%	4-5	5	4-5	5	5	5	5
	ISO C03		4-5	5	4-5	5	5	5	5
	ISO C04		4-5	5	3-4	5	5	5	4
	ISO C06-C1S		4-5	5	4	5	5	4-5	5
	ISO C06-C2S		4	5	4-5	5	5	5	5
	M&S C4A		4-5	5	4-5	5	5	5	5
Water 耐水		3.0%	4-5	5	4-5	4-5	5	5	5
Hot Water 耐熱水		3.0%	4-5	5	5	5	5	5	5
Sea Water 耐海水		3.0%	3-4	5	4-5	5	5	4-5	5
Post mercerizing 後絲光		3.0%	2		4-5				
Acid hydrolysis 酸水解		3.0%	4-5	5	2-3	2-3	5	4-5	3
Perspiration 耐汗	Acid 酸	3.0%	4-5	5	4	5	5	4-5	4-5
	Alkali 鹼		4-5	5	4	4-5	4-5	4-5	4-5

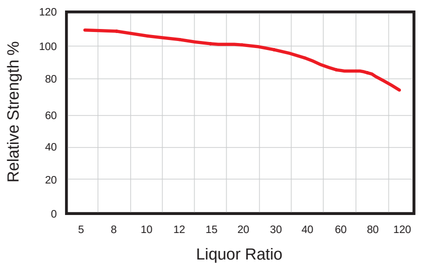
Fastness \ Evaluation			Depth of shade 染色濃度	Grade 級數
Chlorinated Water耐氯水(20ppm)			3.0%	4
Peroxide Bleaching雙氧水漂白				3-4
Rubbing 耐摩擦	Dry 乾		3.0%	5
	Wet 濕			3
M&S C9A 擬溼日光 (detergent Light)			0.3%	3
			3.0%	3-4
M&S C10A (UK-TO)			3.0%	3-4
Saliva (DIN) 耐唾液			3.0%	5
Hot-Pressing 耐熱壓	Dry 乾	Immediately	3.0%	3-4
		4 Hours after		5
	Wet 濕	Immediately	3.0%	4-5
		4 Hours after		4-5
Dry cleaning 耐乾洗			3.0%	4-5

Light Fastness 日光堅牢度

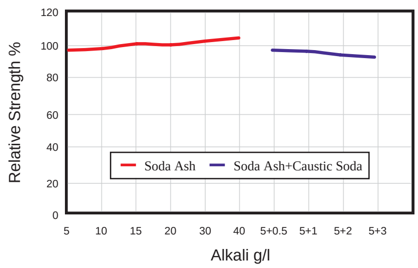
Evaluation	Dyeing Depth 染色濃度	Color Change 20 AFU	Grade ISO Blue Scale
Artificial Light (Xenon-Arc Lamp) 耐日光	0.1 %	*	*
	0.3 %	2-3	4
	1.0 %	3	4-5
	3.0 %	3-4	5
	6.0 %	4	5-6

Evaluation		Dyeing Depth 染色濃度	Color Change 20 AFU	Grade ISO Blue Scale
Perspiration Light 耐汗日光	Acid	3.0 %	3-4	5
	Alkali		3	3-4

浴比依存性 Dependency on Liquor ratio



鹼依存性 Dependency on alkali



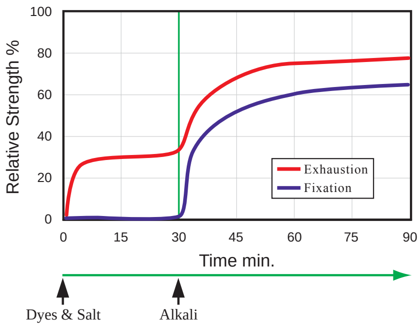
EVERLIGHT

Everzol Red ED-7B

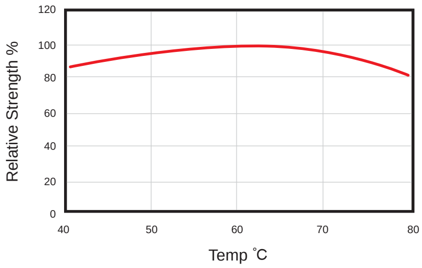
Dyeing Properties 特性

Characteristics		Evaluation
Reactivity 反應性		II
Substantivity 親和性		B
Migration 移染性		3-4
Washing off 洗淨性		3-4
Solubility g/l 溶解度	50℃ Water	100
	50℃ Water+50 g/l Salt	100
High temp. Dyeing 高溫染色性	Dyed fabric 色布	4-5
	Dye Liquor 染浴	4-5
Color constancy 色恆性	Tungsten Lamp	Y
	TL 84 Lamp	Y
Metallic ions 金屬離子	Fe++ 鐵	4-5
	Cu++ 銅	1
Resin finishing 樹脂加工	Melamine 三聚氰胺	3-4
	Glyoxal 乙二醛	3-4
Shade change after fixing treatment 固色後變色性	Polyamide 聚乙醯胺	4-5
	Quaternary ammonium salt 四級胺鹽	4
Stripping 脫色性	(1)	×
	(2)	×
	(3)	×
	(4)	○
Discharge ability 拔染性	Neutral 中性	2-3
	Alkaline 鹼性	3

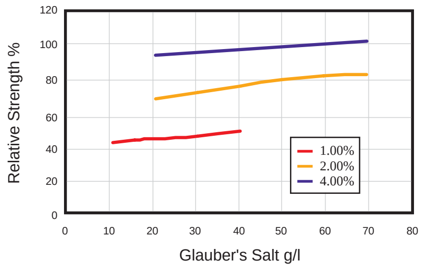
吸盡固著曲線 Exhaustion & Fixation



溫度依存性 Dependency on temperature



芒硝依存性 Dependency on Glauber's salt



Everzol Red ED-7B

EVERLIGHT

Fastness before fixing treatment 固色前牢度表

Evaluation / Fastness		Depth of shade 染色濃度	Color change 變褪色	Staining 污染 Acetate 醋酸纖維	Cotton 棉	Nylon 尼龍	Polyester 聚酯	Acrylic 壓克力	Wool 羊毛
Washing 耐水洗	ISO C02	3.0%	4-5	5	4-5	5	5	5	5
	ISO C03		4-5	5	4	5	5	5	5
	ISO C04		4-5	5	3	5	5	5	3-4
	ISO C06-C1S		4-5	5	4	5	5	5	5
	ISO C06-C2S		4-5	5	5	5	5	5	5
	M&S C4A		4-5	5	5	5	5	5	5
Water 耐水		3.0%	5	5	5	5	5	5	5
Hot Water 耐熱水		3.0%	5	5	5	5	5	5	5
Sea Water 耐海水		3.0%	5	5	5	5	5	5	5
Post mercerizing 後絲光		3.0%	4B		2-3				
Acid hydrolysis 酸水解		3.0%	5	5	5	5	5	5	5
Perspiration 耐汗	Acid 酸	3.0%	5	5	5	5	5	5	5
	Alkali 鹼		5	5	5	5	5	5	5

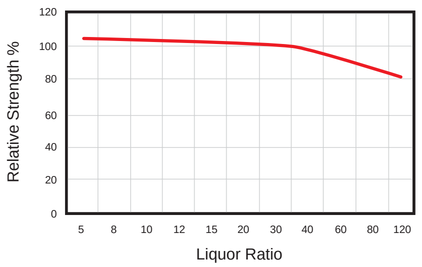
Evaluation / Fastness			Depth of shade 染色濃度	Grade 級數
Chlorinated Water耐氯水(20ppm)			3.0%	4-5
Peroxide Bleaching雙氧水漂白				4-5
Rubbing 耐摩擦	Dry 乾		3.0%	4-5
	Wet 濕			2-3
M&S C9A 擬溼日光 (detergent Light)			0.3%	4-5
			3.0%	4-5
M&S C10A (UK-TO)			3.0%	4
Saliva (DIN) 耐唾液			3.0%	5
Hot-Pressing 耐熱壓	Dry 乾	Immediately	3.0%	3-4
		4 Hours after		4
	Wet 濕	Immediately	3.0%	3-4
		4 Hours after		4
Dry cleaning 耐乾洗			3.0%	4-5

Light Fastness 日光堅牢度

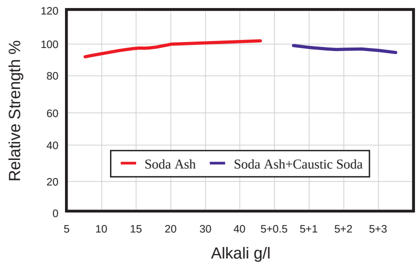
Evaluation	Dyeing Depth 染色濃度	Color Change 20 AFU	Grade ISO Blue Scale
Artificial Light (Xenon-Arc Lamp) 耐日光	0.1 %	2-3	4
	0.3 %	3	4-5
	1.0 %	3-4	5
	3.0 %	4	5-6
	6.0 %	4-5	6

Evaluation		Dyeing Depth 染色濃度	Color Change 20 AFU	Grade ISO Blue Scale
Perspiration Light 耐汗日光	Acid	3.0 %	4-5	5-6
	Alkali		3	5

浴比依存性 Dependency on Liquor ratio



鹼依存性 Dependency on alkali



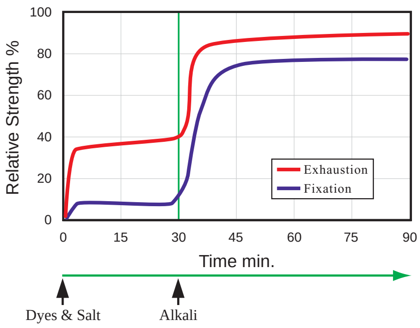
EVERLIGHT

Everzol Red ED-S

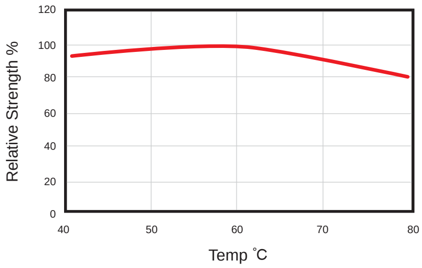
Dyeing Properties 特性

Characteristics		Evaluation
Reactivity 反應性		Ⅱ
Substantivity 親和性		B
Migration 移染性		4
Washing off 洗淨性		3-4
Solubility g/l 溶解度	50℃ Water	100
	50℃ Water+50 g/l Salt	100
High temp. Dyeing 高溫染色性	Dyed fabric 色布	4
	Dye Liquor 染浴	4-5
Color constancy 色恆性	Tungsten Lamp	Y
	TL 84 Lamp	Y
Metallic ions 金屬離子	Fe++ 鐵	4-5
	Cu++ 銅	2-3B
Resin finishing 樹脂加工	Melamine 三聚氰胺	4
	Glyoxal 乙二醛	4
Shade change after fixing treatment 固色後變色性	Polyamide 聚乙醯胺	4-5
	Quaternary ammonium salt 四級胺鹽	4
Stripping 脫色性	(1)	×
	(2)	△
	(3)	○
	(4)	○
Discharge ability 拔染性	Neutral 中性	3-4
	Alkaline 鹼性	4

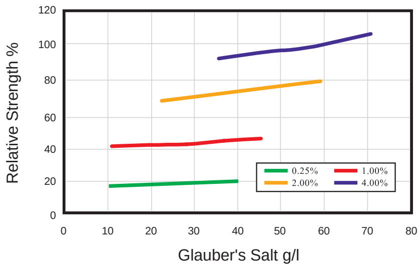
吸盡固著曲線 Exhaustion & Fixation



溫度依存性 Dependency on temperature



芒硝依存性 Dependency on Glauber's salt



Everzol Red ED-S

EVERLIGHT

Fastness before fixing treatment 固色前牢度表

Fastness		Depth of shade 染色濃度	Color change 變褪色	Staining 污染: Acetate 醋酸纖維	Cotton 棉	Nylon 尼龍	Polyester 聚酯	Acrylic 壓克力	Wool 羊毛
Washing 耐水洗	ISO C02	3.0%	4-5	5	4-5	5	5	5	5
	ISO C03		4-5	5	4	5	5	5	5
	ISO C04		4-5	5	2	4-5	5	5	3
	ISO C06-C1S		4-5	5	4	5	5	5	5
	ISO C06-C2S		4-5	5	4	5	5	5	5
	M&S C4A		4-5	5	4-5	5	5	5	5
Water 耐水		3.0%	4-5	5	5	5	5	5	5
Hot Water 耐熱水		3.0%	4-5	5	4-5	4	5	5	5
Sea Water 耐海水		3.0%	4-5	5	5	5	5	5	5
Post mercerizing 後絲光		3.0%	2		2				
Acid hydrolysis 酸水解		3.0%	4-5	5	5	5	5	5	5
Perspiration 耐汗	Acid 酸	3.0%	4-5	5	5	5	5	5	5
	Alkali 鹼		4-5	5	5	5	5	5	5

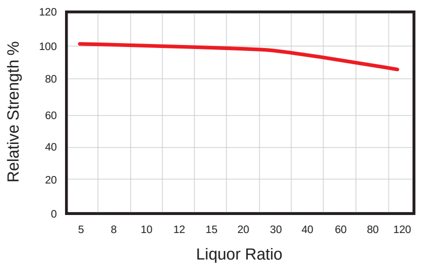
Fastness			Depth of shade 染色濃度	Grade 級數
Chlorinated Water耐氯水(20ppm)			3.0%	4-5
Peroxide Bleaching雙氧水漂白				4-5
Rubbing 耐摩擦	Dry 乾		3.0%	4-5
	Wet 濕			2
M&S C9A 擬溼日光 (detergent Light)			0.3%	4-5
			3.0%	4-5
M&S C10A (UK-TO)			3.0%	4-5
Saliva (DIN) 耐唾液			3.0%	5
Hot-Pressing 耐熱壓	Dry 乾	Immediately	3.0%	4
		4 Hours after		4-5
	Wet 濕	Immediately	3.0%	2
		4 Hours after		4-5
Dry cleaning 耐乾洗			3.0%	4-5

Light Fastness 日光堅牢度

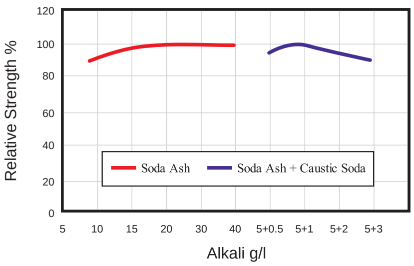
Evaluation	Dyeing Depth 染色濃度	Color Change 20 AFU	Grade ISO Blue Scale
Artificial Light (Xenon-Arc Lamp) 耐日光	0.1 %	3	4-5
	0.3 %	3-4	5
	1.0 %	4	5-6
	3.0 %	4-5	6
	6.0 %	4-5	>6

Evaluation		Dyeing Depth 染色濃度	Color Change 20 AFU	Grade ISO Blue Scale
Perspiration Light 耐汗日光	Acid	3.0 %	4	6
	Alkali		4	5

浴比依存性 Dependency on Liquor ratio



鹼依存性 Dependency on alkali



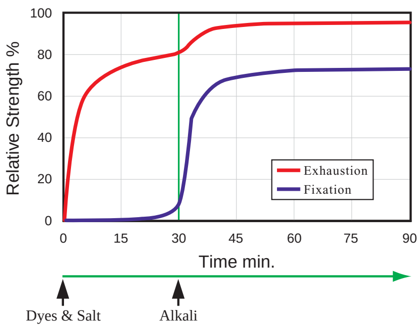
EVERLIGHT

Everzol Rubine ED

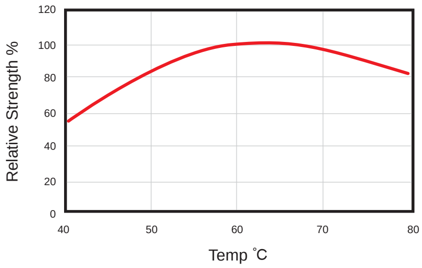
Dyeing Properties 特性

Characteristics		Evaluation
Reactivity 反應性		II
Substantivity 親和性		A
Migration 移染性		3
Washing off 洗淨性		4
Solubility g/l 溶解度	50℃ Water	100
	50℃ Water+50 g/l Salt	100
High temp. Dyeing 高溫染色性	Dyed fabric 色布	4
	Dye Liquor 染浴	4
Color constancy 色恆性	Tungsten Lamp	(B)
	TL 84 Lamp	(Y)
Metallic ions 金屬離子	Fe++ 鐵	4-5
	Cu++ 銅	1B
Resin finishing 樹脂加工	Melamine 三聚氰胺	4-5
	Glyoxal 乙二醛	4-5
Shade change after fixing treatment 固色後變色性	Polyamide 聚乙醯胺	4
	Quaternary ammonium salt 四級胺鹽	4
Stripping 脫色性	(1)	×
	(2)	○
	(3)	○
	(4)	○
Discharge ability 拔染性	Neutral 中性	1
	Alkaline 鹼性	1

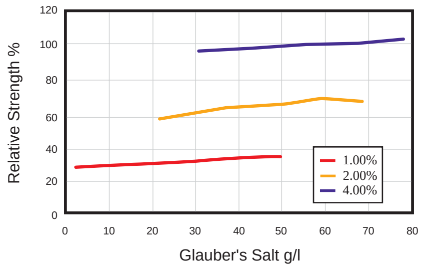
吸盡固著曲線 Exhaustion & Fixation



溫度依存性 Dependency on temperature



芒硝依存性 Dependency on Glauber's salt



Everzol Rubine ED

Fastness before fixing treatment 固色前牢度表

Fastness \ Evaluation		Depth of shade 染色濃度	Color change 變褪色	Staining 污染: Acetate 醋酸纖維	Cotton 棉	Nylon 尼龍	Polyester 聚酯	Acrylic 壓克力	Wool 羊毛
Washing 耐水洗	ISO C02	3.0%	4-5	5	3-4	5	5	4	5
	ISO C03		4-5	5	3-4	5	5	4	5
	ISO C04		4-5	5	2-3	4-5	5	4-5	2-3
	ISO C06-C1S		4-5	5	3-4	5	5	4	5
	ISO C06-C2S		4-5	5	3-4	5	5	4	5
	M&S C4A		4-5	5	4	5	5	4	5
Water 耐水		3.0%	4-5	5	4-5	4	5	5	5
Hot Water 耐熱水		3.0%	4-5	5	4-5	3	5	5	5
Sea Water 耐海水		3.0%	4-5	5	4-5	4-5	5	5	5
Post mercerizing 後絲光		3.0%	2-3B		4				
Acid hydrolysis 酸水解		3.0%	4-5	5	4-5	4	5	5	5
Perspiration 耐汗	Acid 酸	3.0%	4-5	4-5	3-4	3	3-4	3-4	4-5
	Alkali 鹼		4-5	4-5	4	4	4-5	4-5	4-5

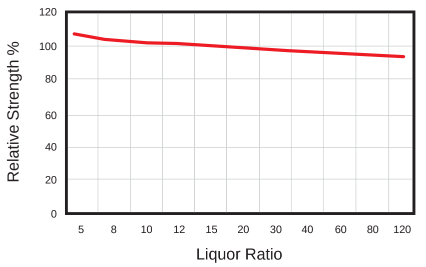
Fastness \ Evaluation			Depth of shade 染色濃度	Grade 級數
Chlorinated Water耐氯水(20ppm)			3.0%	3-4(B)
Peroxide Bleaching雙氧水漂白				4-5
Rubbing 耐摩擦	Dry 乾		3.0%	4
	Wet 濕			2-3
M&S C9A 擬溼日光 (detergent Light)			0.3%	4
			3.0%	4-5
M&S C10A (UK-TO)			3.0%	4-5
Saliva (DIN) 耐唾液			3.0%	4
Hot-Pressing 耐熱壓	Dry 乾	Immediately	3.0%	2(B)
		4 Hours after		4-5
	Wet 濕	Immediately	3.0%	2(B)
		4 Hours after		4-5
Dry cleaning 耐乾洗			3.0%	4-5

Light Fastness 日光堅牢度

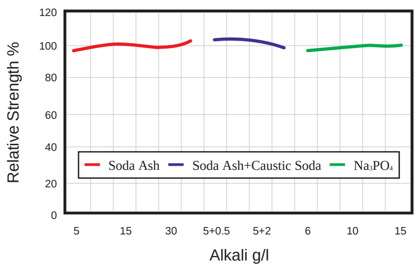
Evaluation	Dyeing Depth 染色濃度	Color Change 20 AFU	Grade ISO Blue Scale
Artificial Light (Xenon-Arc Lamp) 耐日光	0.1 %	*	*
	0.3 %	2-3	4
	1.0 %	3	4-5
	3.0 %	3-4	5
	6.0 %	3-4	5

Evaluation		Dyeing Depth 染色濃度	Color Change 20 AFU	Grade ISO Blue Scale
Perspiration Light 耐汗日光	Acid	3.0 %	2-3	4-5
	Alkali		2-3	4

浴比依存性 Dependency on Liquor ratio



鹼依存性 Dependency on alkali

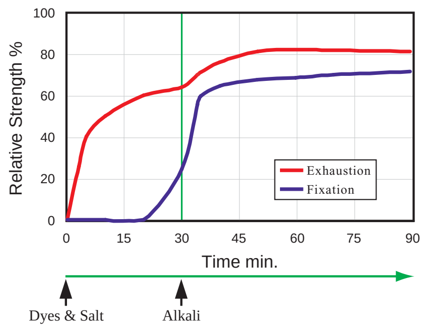


Everzol Blue ED-G

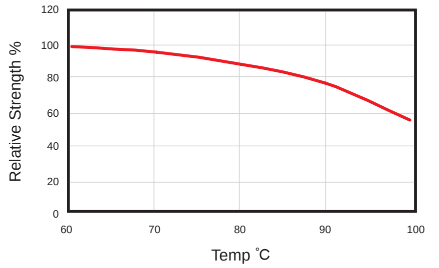
Dyeing Properties 特性

Characteristics		Evaluation
Reactivity 反應性		Ⅱ
Substantivity 親和性		A
Migration 移染性		2-3
Washing off 洗淨性		3-4
Solubility g/l 溶解度	50℃ Water	100
	50℃ Water+50 g/l Salt	100
High temp. Dyeing 高溫染色性	Dyed fabric 色布	3
	Dye Liquor 染浴	3-4
Color constancy 色恆性	Tungsten Lamp	R
	TL 84 Lamp	R
Metallic ions 金屬離子	Fe++ 鐵	4-5
	Cu++ 銅	5
Resin finishing 樹脂加工	Melamine 三聚氰胺	4-5
	Glyoxal 乙二醛	4-5
Shade change after fixing treatment 固色後變色性	Polyamide 聚乙醯胺	3-4
	Quaternary ammonium salt 四級胺鹽	4-5
Stripping 脫色性	(1)	×
	(2)	×
	(3)	△
	(4)	△
Discharge ability 拔染性	Neutral 中性	1
	Alkaline 鹼性	1

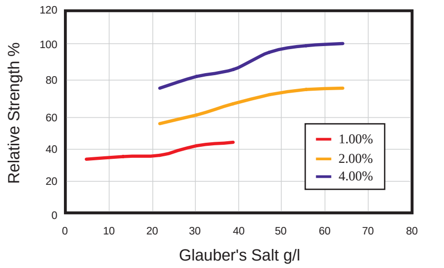
吸盡固著曲線 Exhaustion & Fixation



溫度依存性 Dependency on temperature



芒硝依存性 Dependency on Glauber's salt



Everzol Blue ED-G

EVERLIGHT

Fastness before fixing treatment 固色前牢度表

Fastness	Evaluation	Depth of shade 染色濃度	Color change 變褪色	Staining 污染: Acetate 醋酸纖維	Staining 污染: Cotton 棉	Staining 污染: Nylon 尼龍	Staining 污染: Polyester 聚酯	Staining 污染: Acrylic 壓克力	Staining 污染: Wool 羊毛
Washing 耐水洗	ISO C02	3.0%	5	5	4-5	5	5	5	5
	ISO C03		5	5	4-5	5	5	5	5
	ISO C04		5	5	4	5	5	5	5
	ISO C06-C1S		5	5	4	5	5	5	5
	ISO C06-C2S		5	5	4	5	5	5	5
	M&S C4A		5	5	5	5	5	5	5
Water 耐水		3.0%	5	5	4-5	4-5	5	5	5
Hot Water 耐熱水		3.0%	5	5	5	5	5	5	5
Sea Water 耐海水		3.0%	5	5	4-5	5	5	5	5
Post mercerizing 後絲光		3.0%	3G(B)		4-5				
Acid hydrolysis 酸水解		3.0%	4-5	5	3	1-2	5	5	4
Perspiration 耐汗	Acid 酸	3.0%	4-5	5	4-5	4-5	5	5	5
	Alkali 鹼		5	5	4-5	5	5	5	5

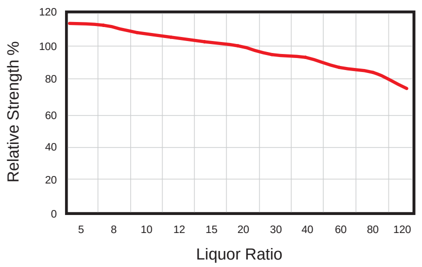
Fastness	Evaluation		Depth of shade 染色濃度	Grade 級數
Chlorinated Water耐氯水(20ppm)			3.0%	1
Peroxide Bleaching雙氧水漂白				3-4
Rubbing 耐摩擦	Dry 乾		3.0%	5
	Wet 濕			2-3
M&S C9A 擬溼日光 (detergent Light)			0.3%	4-5
			3.0%	4-5
M&S C10A (UK-TO)			3.0%	5
Saliva (DIN) 耐唾液			3.0%	4-5
Hot-Pressing 耐熱壓	Dry 乾	Immediately	3.0%	3-4R
		4 Hours after		5
	Wet 濕	Immediately	3.0%	3-4R
		4 Hours after		5
Dry cleaning 耐乾洗			3.0%	4-5

Light Fastness 日光堅牢度

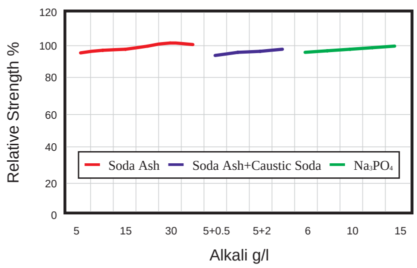
Evaluation	Dyeing Depth 染色濃度	Color Change 20 AFU	Grade ISO Blue Scale
Artificial Light (Xenon-Arc Lamp) 耐日光	0.1 %	4-5	6
	0.3 %	4-5	>6
	1.0 %	4-5	>6
	3.0 %	4-5	>6
	6.0 %	4-5	>6

Evaluation		Dyeing Depth 染色濃度	Color Change 20 AFU	Grade ISO Blue Scale
Perspiration Light 耐汗日光	Acid	3.0 %	4-5	>6
	Alkali		4-5	>6

浴比依存性 Dependency on Liquor ratio



鹼依存性 Dependency on alkali

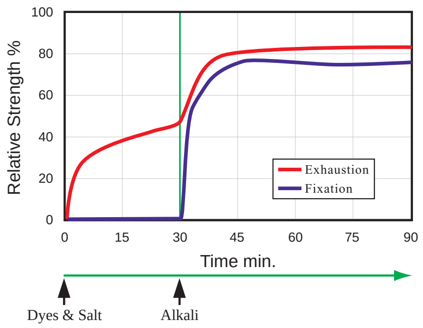


Everzol Blue L-ED

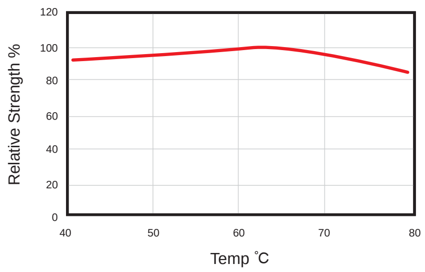
Dyeing Properties 特性

Characteristics		Evaluation
Reactivity 反應性		II
Substantivity 親和性		B
Migration 移染性		3-4
Washing off 洗淨性		3-4
Solubility g/l 溶解度	50℃ Water	100
	50℃ Water+50 g/l Salt	20
High temp. Dyeing 高溫染色性	Dyed fabric 色布	3
	Dye Liquor 染浴	1-2
Color constancy 色恆性	Tungsten Lamp	R
	TL 84 Lamp	R
Metallic ions 金屬離子	Fe++ 鐵	4
	Cu++ 銅	1-2
Resin finishing 樹脂加工	Melamine 三聚氰胺	4-5
	Glyoxal 乙二醛	4-5
Shade change after fixing treatment 固色後變色性	Polyamide 聚乙醯胺	4-5
	Quaternary ammonium salt 四級胺鹽	4-5
Stripping 脫色性	(1)	×
	(2)	×
	(3)	×
	(4)	×
Discharge ability 拔染性	Neutral 中性	3-4
	Alkaline 鹼性	3

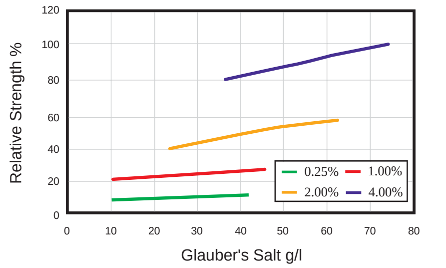
吸盡固著曲線 Exhaustion & Fixation



溫度依存性 Dependency on temperature



芒硝依存性 Dependency on Glauber's salt



Everzol Blue L-ED

Fastness before fixing treatment 固色前牢度表

Fastness		Depth of shade 染色濃度	Color change 變褪色	Staining 污染 Acetate 醋酸纖維	Cotton 棉	Nylon 尼龍	Polyester 聚酯	Acrylic 壓克力	Wool 羊毛
Washing 耐水洗	ISO C02	3.0%	4-5	5	4	5	5	5	5
	ISO C03		4-5	5	3-4	5	5	5	5
	ISO C04		4-5	5	3-4	5	5	5	2
	ISO C06-C1S		4-5	5	3-4	5	5	5	5
	ISO C06-C2S		4-5	5	3-4	5	5	5	5
	M&S C4A		4-5	5	4	5	5	5	5
Water 耐水		3.0%	4-5	5	5	5	5	5	5
Hot Water 耐熱水		3.0%	4-5	5	4-5	4	5	5	5
Sea Water 耐海水		3.0%	4-5	5	4-5	5	5	5	5
Post mercerizing 後絲光		3.0%	4		4-5				
Acid hydrolysis 酸水解		3.0%	4-5	5	5	5	5	5	5
Perspiration 耐汗	Acid 酸	3.0%	4-5	5	5	5	5	5	5
	Alkali 鹼		4-5	5	4-5	4-5	5	5	5

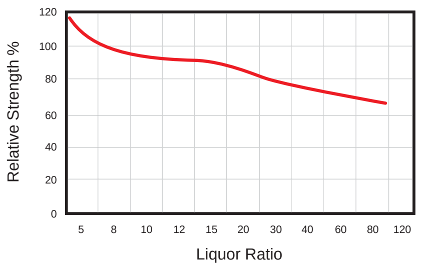
Fastness			Depth of shade 染色濃度	Grade 級數
Chlorinated Water耐氯水(20ppm)			3.0%	3
Peroxide Bleaching雙氧水漂白				3
Rubbing 耐摩擦	Dry 乾		3.0%	4-5
	Wet 濕			3
M&S C9A 擬溼日光 (detergent Light)			0.3%	2-3
			3.0%	4-5
M&S C10A (UK-TO)			3.0%	4-5
Saliva (DIN) 耐唾液			3.0%	5
Hot-Pressing 耐熱壓	Dry 乾	Immediately	3.0%	4-5
		4 Hours after		5
	Wet 濕	Immediately	3.0%	4
		4 Hours after		4-5
Dry cleaning 耐乾洗			3.0%	*

Light Fastness 日光堅牢度

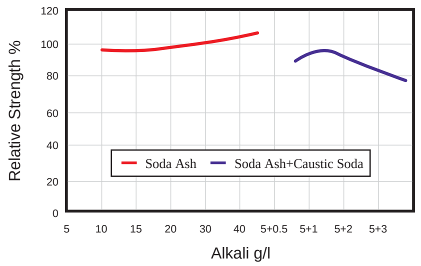
Evaluation	Dyeing Depth 染色濃度	Color Change 20 AFU	Grade ISO Blue Scale
Artificial Light (Xenon-Arc Lamp) 耐日光	0.1 %	2-3	3-4
	0.3 %	3	4
	1.0 %	3-4	4-5
	3.0 %	4	5
	6.0 %	4-5	6

Evaluation		Dyeing Depth 染色濃度	Color Change 20 AFU	Grade ISO Blue Scale
Perspiration Light 耐汗日光	Acid	3.0 %	3	4
	Alkali		3	3-4

浴比依存性 Dependency on Liquor ratio



鹼依存性 Dependency on alkali



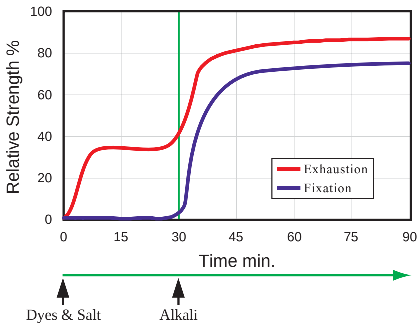
Everzol Blue ED

EVERLIGHT

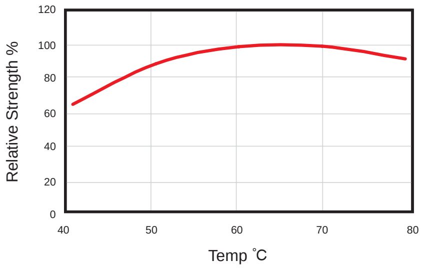
Dyeing Properties 特性

Characteristics		Evaluation
Reactivity 反應性		Ⅱ
Substantivity 親和性		B
Migration 移染性		2
Washing off 洗淨性		3-4
Solubility g/l 溶解度	50℃ Water	100
	50℃ Water+50 g/l Salt	100
High temp. Dyeing 高溫染色性	Dyed fabric 色布	1-2
	Dye Liquor 染浴	3
Color constancy 色恆性	Tungsten Lamp	R
	TL 84 Lamp	R
Metallic ions 金屬離子	Fe++ 鐵	4
	Cu++ 銅	4
Resin finishing 樹脂加工	Melamine 三聚氰胺	5
	Glyoxal 乙二醛	4-5
Shade change after fixing treatment 固色後變色性	Polyamide 聚乙醯胺	4
	Quaternary ammonium salt 四級胺鹽	3-4
Stripping 脫色性	(1)	△
	(2)	○
	(3)	○
	(4)	○
Discharge ability 拔染性	Neutral 中性	2
	Alkaline 鹼性	2

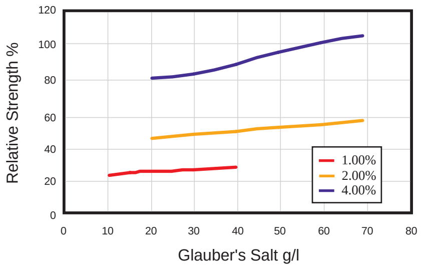
吸盡固著曲線 Exhaustion & Fixation



溫度依存性 Dependency on temperature



芒硝依存性 Dependency on Glauber's salt



Everzol Blue ED

EVERLIGHT

Fastness before fixing treatment 固色前牢度表

Fastness		Depth of shade 染色濃度	Color change 變褪色	Staining 污染 Acetate 醋酸纖維	Cotton 棉	Nylon 尼龍	Polyester 聚酯	Acrylic 壓克力	Wool 羊毛
Washing 耐水洗	ISO C02	3.0%	4-5	5	5	5	5	5	4-5
	ISO C03		4-5	5	5	4-5	5	5	4
	ISO C04		4-5	5	4	3	5	5	2
	ISO C06-C1S		4-5	5	4-5	4-5	5	4-5	4
	ISO C06-C2S		4-5	5	4-5	5	5	5	4-5
	M&S C4A		4-5	5	5	5	5	5	5
Water 耐水		3.0%	4-5	5	5	4	5	5	5
Hot Water 耐熱水		3.0%	5	5	5	4-5	5	5	5
Sea Water 耐海水		3.0%	4	5	5	5	5	5	5
Post mercerizing 後絲光		3.0%	2-3		4-5				
Acid hydrolysis 酸水解		3.0%	4-5	5	4	3-4	5	5	3-4
Perspiration 耐汗	Acid 酸	3.0%	4-5	5	4-5	4	5	5	5
	Alkali 鹼		4-5	5	4-5	4-5	5	5	5

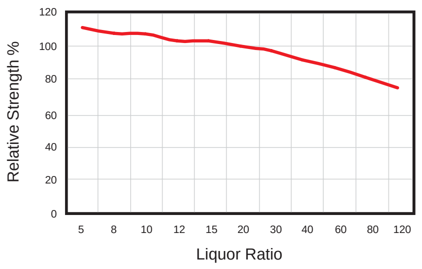
Fastness			Depth of shade 染色濃度	Grade 級數
Chlorinated Water耐氯水(20ppm)			3.0%	4
Peroxide Bleaching雙氧水漂白				4-5
Rubbing 耐摩擦	Dry 乾		3.0%	4-5
	Wet 濕			2-3
M&S C9A 擬溼日光 (detergent Light)			0.3%	4
			3.0%	>4-5
M&S C10A (UK-TO)			3.0%	4-5
Saliva (DIN) 耐唾液			3.0%	5
Hot-Pressing 耐熱壓	Dry 乾	Immediately	3.0%	4-5
		4 Hours after		4-5
	Wet 濕	Immediately	3.0%	4
		4 Hours after		4-5
Dry cleaning 耐乾洗			3.0%	4-5

Light Fastness 日光堅牢度

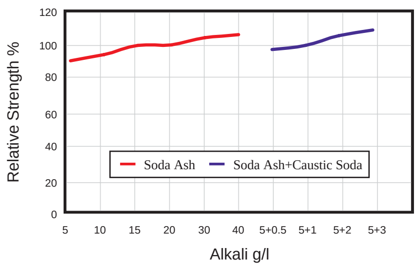
Evaluation	Dyeing Depth 染色濃度	Color Change 20 AFU	Grade ISO Blue Scale
Artificial Light (Xenon-Arc Lamp) 耐日光	0.1 %	*	*
	0.3 %	3-4	4
	1.0 %	3-4	4-5
	3.0 %	4	5
	6.0 %	4-5	5-6

Evaluation		Dyeing Depth 染色濃度	Color Change 20 AFU	Grade ISO Blue Scale
Perspiration Light 耐汗日光	Acid	3.0 %	3	5
	Alkali		3	4-5

浴比依存性 Dependency on Liquor ratio



鹼依存性 Dependency on alkali



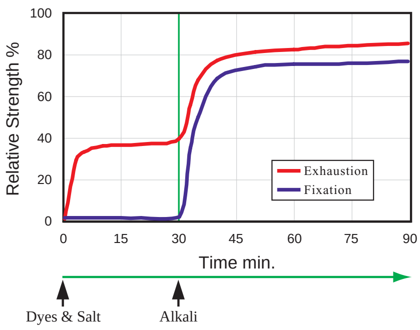
EVERLIGHT

Everzol Navy ED

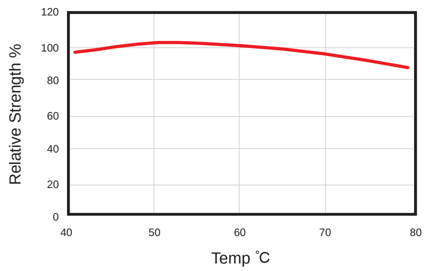
Dyeing Properties 特性

Characteristics		Evaluation
Reactivity 反應性		II
Substantivity 親和性		B
Migration 移染性		4
Washing off 洗淨性		4-5
Solubility g/l 溶解度	50℃ Water	150
	50℃ Water+50 g/l Salt	150
High temp. Dyeing 高溫染色性	Dyed fabric 色布	2
	Dye Liquor 染浴	2
Color constancy 色恆性	Tungsten Lamp	R
	TL 84 Lamp	R
Metallic ions 金屬離子	Fe++ 鐵	4-5
	Cu++ 銅	4
Resin finishing 樹脂加工	Melamine 三聚氰胺	5
	Glyoxal 乙二醛	4-5
Shade change after fixing treatment 固色後變色性	Polyamide 聚乙醯胺	4
	Quaternary ammonium salt 四級胺鹽	4-5
Stripping 脫色性	(1)	△
	(2)	○
	(3)	○
	(4)	○
Discharge ability 拔染性	Neutral 中性	3
	Alkaline 鹼性	3-4

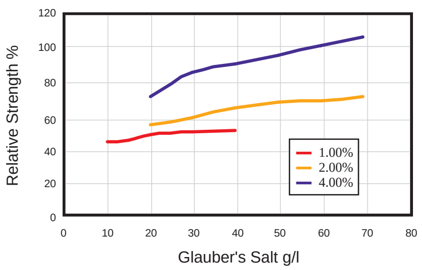
吸盡固著曲線 Exhaustion & Fixation



溫度依存性 Dependency on temperature



芒硝依存性 Dependency on Glauber's salt



Everzol Navy ED

EVERLIGHT

Fastness before fixing treatment 固色前牢度表

Fastness / Evaluation		Depth of shade 染色濃度	Color change 變褪色	Staining 污染: Acetate 醋酸纖維	Staining 污染: Cotton 棉	Staining 污染: Nylon 尼龍	Staining 污染: Polyester 聚酯	Staining 污染: Acrylic 壓克力	Staining 污染: Wool 羊毛
Washing 耐水洗	ISO C02	3.0%	4-5	5	5	5	5	5	5
	ISO C03		4-5	5	5	5	5	5	5
	ISO C04		4-5	5	4	5	5	5	3
	ISO C06-C1S		4-5	5	4-5	5	5	5	5
	ISO C06-C2S		4-5	5	4-5	5	5	5	5
	M&S C4A		4-5	5	4-5	5	5	5	5
Water 耐水		3.0%	4-5	5	5	5	5	5	5
Hot Water 耐熱水		3.0%	5	5	5	5	5	5	5
Sea Water 耐海水		3.0%	4	5	5	5	5	5	5
Post mercerizing 後絲光		3.0%	2-3		4				
Acid hydrolysis 酸水解		3.0%	5	5	4-5	4	5	5	4
Perspiration 耐汗	Acid 酸	3.0%	4-5	5	5	5	5	5	5
	Alkali 鹼		4-5	5	5	4-5	5	5	5

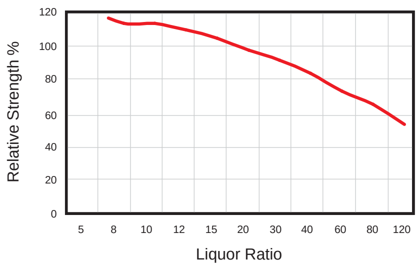
Fastness / Evaluation			Depth of shade 染色濃度	Grade 級數
Chlorinated Water耐氯水(20ppm)			3.0%	3-4
Peroxide Bleaching雙氧水漂白				4
Rubbing 耐摩擦	Dry 乾		3.0%	4-5
	Wet 濕			2-3
M&S C9A 擬溼日光 (detergent Light)			0.3%	3
			3.0%	4
M&S C10A (UK-TO)			3.0%	3-4
Saliva (DIN) 耐唾液			3.0%	5
Hot-Pressing 耐熱壓	Dry 乾	Immediately	3.0%	4
		4 Hours after		4-5
	Wet 濕	Immediately	3.0%	3-4
		4 Hours after		4
Dry cleaning 耐乾洗			3.0%	4-5

Light Fastness 日光堅牢度

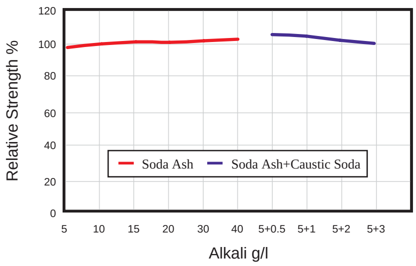
Evaluation	Dyeing Depth 染色濃度	Color Change 20 AFU	Grade ISO Blue Scale
Artificial Light (Xenon-Arc Lamp) 耐日光	0.1 %	*	*
	0.3 %	2-3	3-4
	1.0 %	3	4
	3.0 %	3-4	4-5
	6.0 %	4	5

Evaluation		Dyeing Depth 染色濃度	Color Change 20 AFU	Grade ISO Blue Scale
Perspiration Light 耐汗日光	Acid	3.0 %	2	4-5
	Alkali		2	4

浴比依存性 Dependency on Liquor ratio



鹼依存性 Dependency on alkali

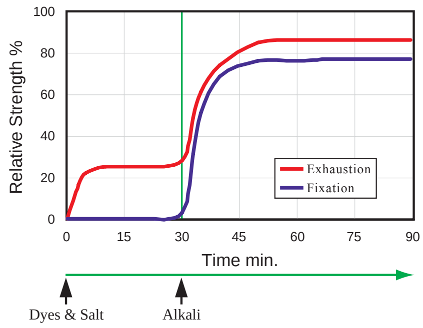


Everzol Black GR

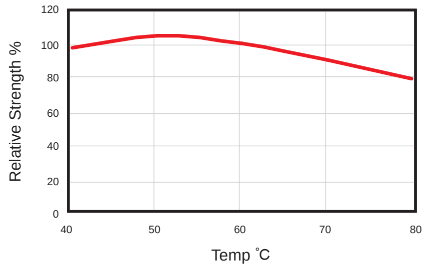
Dyeing Properties 特性

Characteristics		Evaluation
Reactivity 反應性		I
Substantivity 親和性		C
Migration 移染性		2
Washing off 洗淨性		4
Solubility g/l 溶解度	50℃ Water	150
	50℃ Water+50 g/l Salt	150
High temp. Dyeing 高溫染色性	Dyed fabric 色布	2
	Dye Liquor 染浴	2
Color constancy 色恆性	Tungsten Lamp	R
	TL 84 Lamp	R
Metallic ions 金屬離子	Fe++ 鐵	5
	Cu++ 銅	2-3
Resin finishing 樹脂加工	Melamine 三聚氰胺	4-5
	Glyoxal 乙二醛	5
Shade change after fixing treatment 固色後變色性	Polyamide 聚乙醯胺	3-4 Y
	Quaternary ammonium salt 四級胺鹽	3-4 G
Stripping 脫色性	(1)	△
	(2)	○
	(3)	○
	(4)	○
Discharge ability 拔染性	Neutral 中性	3
	Alkaline 鹼性	3

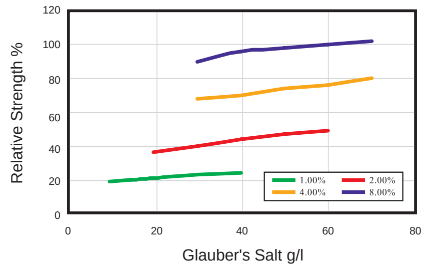
吸盡固著曲線 Exhaustion & Fixation



溫度依存性 Dependency on temperature



芒硝依存性 Dependency on Glauber's salt



Everzol Black GR

EVERLIGHT

Fastness before fixing treatment 固色前牢度表

Fastness \ Evaluation		Depth of shade 染色濃度	Color change 變褪色	Staining 污染: Acetate 醋酸纖維	Cotton 棉	Nylon 尼龍	Polyester 聚酯	Acrylic 壓克力	Wool 羊毛
Washing 耐水洗	ISO C02	6.0%	4-5	5	4-5	5	5	5	5
	ISO C03		4-5	5	4-5	5	5	5	5
	ISO C04		4-5	5	3	5	5	4-5	2
	ISO C06-C1S		4-5	5	4	5	5	5	5
	ISO C06-C2S		4-5	5	4	5	5	5	5
	M&S C4A		4-5	5	4-5	5	5	5	5
Water 耐水		6.0%	4-5	5	5	5	5	5	5
Hot Water 耐熱水		6.0%	4-5	5	4-5	5	5	5	5
Sea Water 耐海水		6.0%	4-5	5	5	5	5	5	5
Post mercerizing 後絲光		6.0%	2-3R		4				
Acid hydrolysis 酸水解		6.0%	4-5	4-5	5	5	5	5	5
Perspiration 耐汗	Acid 酸	6.0%	4-5	5	5	5	5	5	5
	Alkali 鹼		4-5	5	5	5	5	5	5

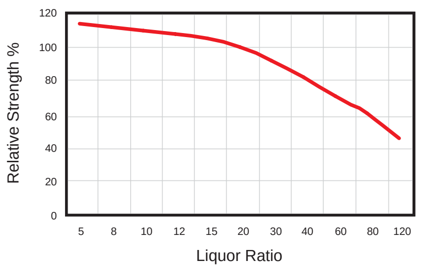
Fastness \ Evaluation			Depth of shade 染色濃度	Grade 級數
Chlorinated Water耐氯水(20ppm)			6.0%	4
Peroxide Bleaching雙氧水漂白				4-5
Rubbing 耐摩擦	Dry 乾		6.0%	4
	Wet 濕			2-3
M&S C9A 擬溼日光 (detergent Light)			1.0%	4
			6.0%	>4-5
M&S C10A (UK-TO)			6.0%	4
Saliva (DIN) 耐唾液			3.0%	5
Hot-Pressing 耐熱壓	Dry 乾	Immediately	6.0%	4
		4 Hours after		4-5
	Wet 濕	Immediately	6.0%	4
		4 Hours after		4-5
Dry cleaning 耐乾洗			6.0%	4-5

Light Fastness 日光堅牢度

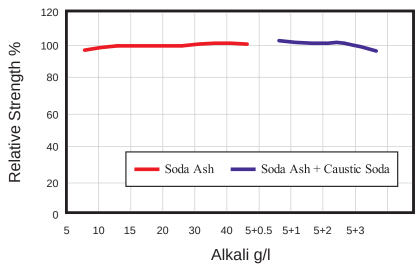
Evaluation	Dyeing Depth 染色濃度	Color Change 20 AFU	Grade ISO Blue Scale
Artificial Light (Xenon-Arc Lamp) 耐日光	0.3 %	*	*
	1.0 %	2-3	3-4
	3.0 %	3	4-5
	6.0 %	3-4	5-6
	8.0 %	4	5-6

Evaluation		Dyeing Depth 染色濃度	Color Change 20 AFU	Grade ISO Blue Scale
Perspiration Light 耐汗日光	Acid	6.0 %	3	5
	Alkali		2	3-4

浴比依存性 Dependency on Liquor ratio



鹼依存性 Dependency on alkali



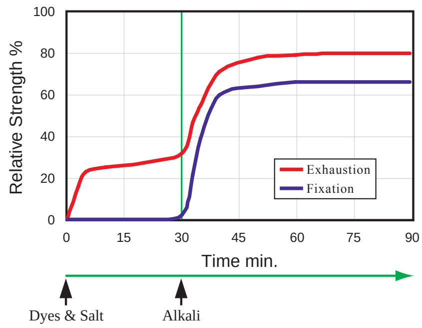
EVERLIGHT

Everzol Black GRN

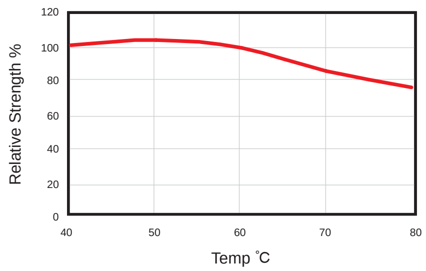
Dyeing Properties 特性

Characteristics		Evaluation
Reactivity 反應性		II
Substantivity 親和性		C
Migration 移染性		3
Washing off 洗淨性		4
Solubility g/l 溶解度	50℃ Water	150
	50℃ Water+50 g/l Salt	150
High temp. Dyeing 高溫染色性	Dyed fabric 色布	2
	Dye Liquor 染浴	2
Color constancy 色恆性	Tungsten Lamp	R
	TL 84 Lamp	R
Metallic ions 金屬離子	Fe++ 鐵	5
	Cu++ 銅	2-3
Resin finishing 樹脂加工	Melamine 三聚氰胺	4-5
	Glyoxal 乙二醛	5
Shade change after fixing treatment 固色後變色性	Polyamide 聚乙醯胺	3-4 Y
	Quaternary ammonium salt 四級胺鹽	3-4 G
Stripping 脫色性	(1)	△
	(2)	○
	(3)	○
	(4)	○
Discharge ability 拔染性	Neutral 中性	3
	Alkaline 鹼性	3

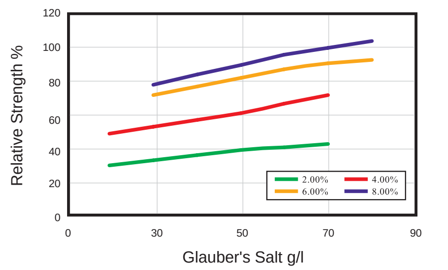
吸盡固著曲線 Exhaustion & Fixation



溫度依存性 Dependency on temperature



芒硝依存性 Dependency on Glauber's salt



Everzol Black GRN

EVERLIGHT

Fastness before fixing treatment 固色前牢度表

Fastness	Evaluation	Depth of shade 染色濃度	Color change 變褪色	Staining 污染: Acetate 醋酸纖維	Cotton 棉	Nylon 尼龍	Polyester 聚酯	Acrylic 壓克力	Wool 羊毛
Washing 耐水洗	ISO C02	6.0%	4-5	5	4-5	5	5	5	5
	ISO C03		4-5	5	4-5	5	5	5	5
	ISO C04		4-5	5	3	5	5	4-5	2
	ISO C06-C1S		4-5	5	4	5	5	5	5
	ISO C06-C2S		4-5	5	4	5	5	5	5
	M&S C4A		4-5	5	4-5	5	5	5	5
Water 耐水		6.0%	4-5	5	5	5	5	5	5
Hot Water 耐熱水		6.0%	4-5	5	4-5	5	5	5	5
Sea Water 耐海水		6.0%	4-5	5	5	5	5	5	5
Post mercerizing 後絲光		6.0%	2-3R		4-5				
Acid hydrolysis 酸水解		6.0%	4-5	5	5	5	5	5	5
Perspiration 耐汗	Acid 酸	6.0%	4-5	5	5	5	5	5	5
	Alkali 鹼		4-5	5	5	5	5	5	5

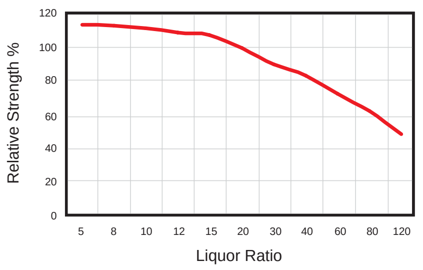
Fastness	Evaluation		Depth of shade 染色濃度	Grade 級數
Chlorinated Water耐氯水(20ppm)			6.0%	4
Peroxide Bleaching雙氧水漂白				4-5
Rubbing 耐摩擦	Dry 乾		6.0%	4
	Wet 濕			2-3
M&S C9A 擬溼日光 (detergent Light)			1.0%	4
			6.0%	>4-5
M&S C10A (UK-TO)			6.0%	4
Saliva (DIN) 耐唾液			6.0%	5
Hot-Pressing 耐熱壓	Dry 乾	Immediately	6.0%	4
		4 Hours after		4-5
	Wet 濕	Immediately	6.0%	4
		4 Hours after		4-5
Dry cleaning 耐乾洗			6.0%	4-5

Light Fastness 日光堅牢度

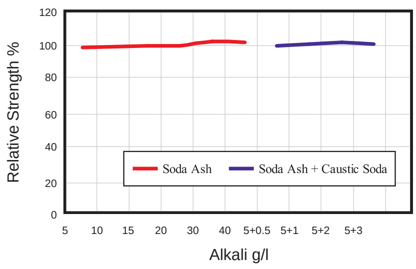
Evaluation	Dyeing Depth 染色濃度	Color Change 20 AFU	Grade ISO Blue Scale
Artificial Light (Xenon-Arc Lamp) 耐日光	0.3 %	*	*
	1.0 %	2-3	3-4
	3.0 %	3	4-5
	6.0 %	3-4	5-6
	8.0 %	4	5-6

Evaluation		Dyeing Depth 染色濃度	Color Change 20 AFU	Grade ISO Blue Scale
Perspiration Light 耐汗日光	Acid	6.0 %	3	5
	Alkali		2	3-4

浴比依存性 Dependency on Liquor ratio



鹼依存性 Dependency on alkali



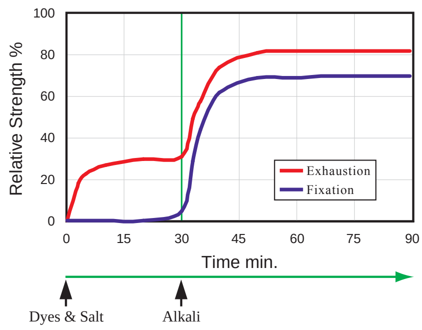
EVERLIGHT

Everzol Black N

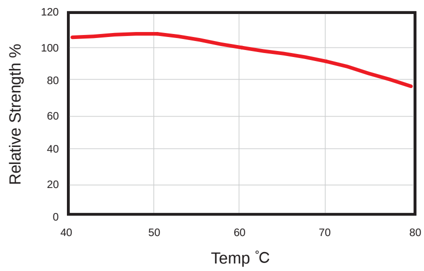
Dyeing Properties 特性

Characteristics		Evaluation
Reactivity 反應性		II
Substantivity 親和性		C
Migration 移染性		4
Washing off 洗淨性		4
Solubility g/l 溶解度	50℃ Water	150
	50℃ Water+50 g/l Salt	150
High temp. Dyeing 高溫染色性	Dyed fabric 色布	2
	Dye Liquor 染浴	2
Color constancy 色恆性	Tungsten Lamp	R
	TL 84 Lamp	R
Metallic ions 金屬離子	Fe++ 鐵	5
	Cu++ 銅	2
Resin finishing 樹脂加工	Melamine 三聚氰胺	4-5
	Glyoxal 乙二醛	5
Shade change after fixing treatment 固色後變色性	Polyamide 聚乙醯胺	3-4 Y
	Quaternary ammonium salt 四級胺鹽	3-4 G
Stripping 脫色性	(1)	△
	(2)	○
	(3)	○
	(4)	○
Discharge ability 拔染性	Neutral 中性	3-4
	Alkaline 鹼性	4-5

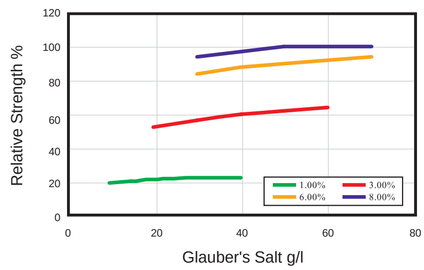
吸盡固著曲線 Exhaustion & Fixation



溫度依存性 Dependency on temperature



芒硝依存性 Dependency on Glauber's salt



Everzol Black N

EVERLIGHT

Fastness before fixing treatment 固色前牢度表

Fastness \ Evaluation		Depth of shade 染色濃度	Color change 變褪色	Staining 污染: Acetate 醋酸纖維	Cotton 棉	Nylon 尼龍	Polyester 聚酯	Acrylic 壓克力	Wool 羊毛
Washing 耐水洗	ISO C02	6.0%	4-5	5	5	5	5	5	5
	ISO C03		4-5	5	5	5	5	5	5
	ISO C04		4-5	5	3-4	4	5	4-5	2
	ISO C06-C1S		4-5	5	5	5	5	5	5
	ISO C06-C2S		4-5	5	5	5	5	5	5
	M&S C4A		4-5	5	5	4	5	5	5
Water 耐水		6.0%	4-5	5	5	5	5	5	5
Hot Water 耐熱水		6.0%	4-5	5	4-5	5	5	5	5
Sea Water 耐海水		6.0%	4-5	5	5	5	5	5	5
Post mercerizing 後絲光		6.0%	2-3R		4-5				
Acid hydrolysis 酸水解		6.0%	4-5	5	5	5	5	5	5
Perspiration 耐汗	Acid 酸	6.0%	4-5	5	5	5	5	5	5
	Alkali 鹼		4-5	5	5	5	5	5	5

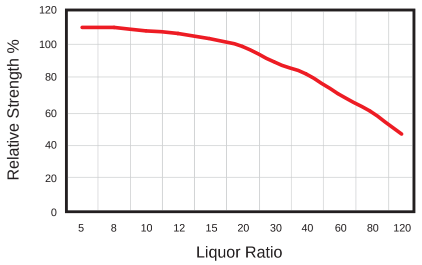
Fastness \ Evaluation			Depth of shade 染色濃度	Grade 級數
Chlorinated Water耐氯水(20ppm)			6.0%	4-5
Peroxide Bleaching雙氧水漂白				4-5
Rubbing 耐摩擦	Dry 乾		6.0%	4-5
	Wet 濕			2-3
M&S C9A 擬溼日光 (detergent Light)			1.0%	4
			6.0%	>4-5
M&S C10A (UK-TO)			6.0%	4
Saliva (DIN) 耐唾液			6.0%	5
Hot-Pressing 耐熱壓	Dry 乾	Immediately	6.0%	4
		4 Hours after		4-5
	Wet 濕	Immediately	6.0%	4
		4 Hours after		4-5
Dry cleaning 耐乾洗			6.0%	4-5

Light Fastness 日光堅牢度

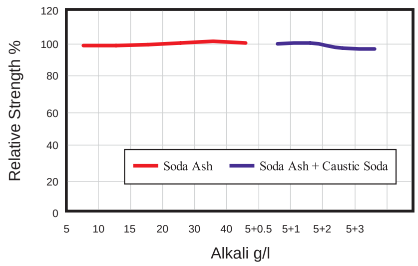
Evaluation	Dyeing Depth 染色濃度	Color Change 20 AFU	Grade ISO Blue Scale
Artificial Light (Xenon-Arc Lamp) 耐日光	0.3 %	*	*
	1.0 %	2-3	3-4
	3.0 %	3	4-5
	6.0 %	3-4	5-6
	8.0 %	4	5-6

Evaluation		Dyeing Depth 染色濃度	Color Change 20 AFU	Grade ISO Blue Scale
Perspiration Light 耐汗日光	Acid	6.0 %	3	5
	Alkali		2	3-4

浴比依存性 Dependency on Liquor ratio



鹼依存性 Dependency on alkali

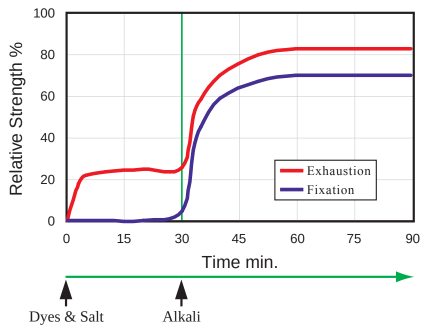


Everzol Black NR

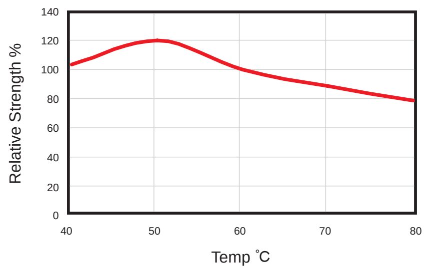
Dyeing Properties 特性

Characteristics		Evaluation
Reactivity 反應性		II
Substantivity 親和性		C
Migration 移染性		4
Washing off 洗淨性		4
Solubility g/l 溶解度	50℃ Water	150
	50℃ Water+50 g/l Salt	150
High temp. Dyeing 高溫染色性	Dyed fabric 色布	2
	Dye Liquor 染浴	2
Color constancy 色恆性	Tungsten Lamp	R
	TL 84 Lamp	R
Metallic ions 金屬離子	Fe++ 鐵	5
	Cu++ 銅	2
Resin finishing 樹脂加工	Melamine 三聚氰胺	4-5
	Glyoxal 乙二醛	5
Shade change after fixing treatment 固色後變色性	Polyamide 聚乙醯胺	3-4 Y
	Quaternary ammonium salt 四級胺鹽	3-4 G
Stripping 脫色性	(1)	△
	(2)	○
	(3)	○
	(4)	○
Discharge ability 拔染性	Neutral 中性	3-4
	Alkaline 鹼性	4-5

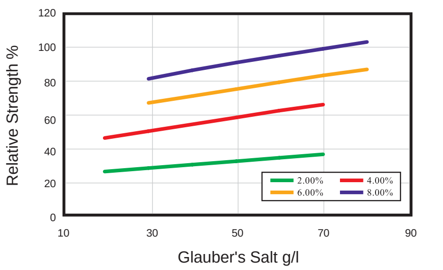
吸盡固著曲線 Exhaustion & Fixation



溫度依存性 Dependency on temperature



芒硝依存性 Dependency on Glauber's salt



Everzol Black NR

EVERLIGHT

Fastness before fixing treatment 固色前牢度表

Fastness		Depth of shade 染色濃度	Color change 變褪色	Staining 污染 Acetate 醋酸纖維	Cotton 棉	Nylon 尼龍	Polyester 聚酯	Acrylic 壓克力	Wool 羊毛
Washing 耐水洗	ISO C02	6.0%	4-5	5	5	5	5	5	5
	ISO C03		4-5	5	5	5	5	5	4-5
	ISO C04		4-5	5	3	4	5	4-5	2
	ISO C06-C1S		4-5	5	5	5	5	5	5
	ISO C06-C2S		4-5	5	5	5	5	5	5
	M&S C4A		4-5	5	5	5	5	5	5
Water 耐水		6.0%	4-5	5	5	5	5	5	5
Hot Water 耐熱水		6.0%	4-5	5	4-5	5	5	5	5
Sea Water 耐海水		6.0%	4-5	5	5	5	5	5	5
Post mercerizing 後絲光		6.0%	2-3R		4-5				
Acid hydrolysis 酸水解		6.0%	4-5	5	5	5	5	5	5
Perspiration 耐汗	Acid 酸	6.0%	4-5	5	5	5	5	5	5
	Alkali 鹼		4-5	5	5	5	5	5	5

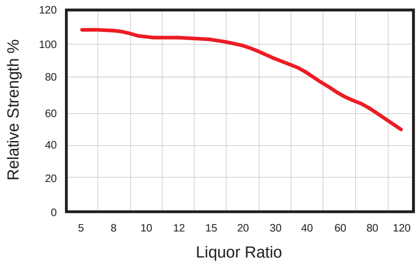
Fastness			Depth of shade 染色濃度	Grade 級數
Chlorinated Water耐氯水(20ppm)			6.0%	4-5
Peroxide Bleaching雙氧水漂白				4-5
Rubbing 耐摩擦	Dry 乾		6.0%	4
	Wet 濕			2-3
M&S C9A 擬澄日光 (detergent Light)			1.0%	4
			6.0%	>4-5
M&S C10A (UK-TO)			6.0%	4
Saliva (DIN) 耐唾液			6.0%	5
Hot-Pressing 耐熱壓	Dry 乾	Immediately	6.0%	4
		4 Hours after		4-5
	Wet 濕	Immediately	6.0%	4
		4 Hours after		4-5
Dry cleaning 耐乾洗			6.0%	4-5

Light Fastness 日光堅牢度

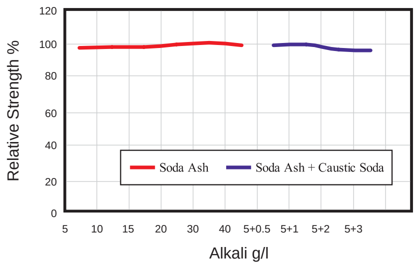
Evaluation	Dyeing Depth 染色濃度	Color Change 20 AFU	Grade ISO Blue Scale
Artificial Light (Xenon-Arc Lamp) 耐日光	0.3 %	*	*
	1.0 %	2-3	3-4
	3.0 %	3	4-5
	6.0 %	3-4	5-6
	8.0 %	4	5-6

Evaluation		Dyeing Depth 染色濃度	Color Change 20 AFU	Grade ISO Blue Scale
Perspiration Light 耐汗日光	Acid	6.0 %	3	5
	Alkali		2	3-4

浴比依存性 Dependency on Liquor ratio



鹼依存性 Dependency on alkali



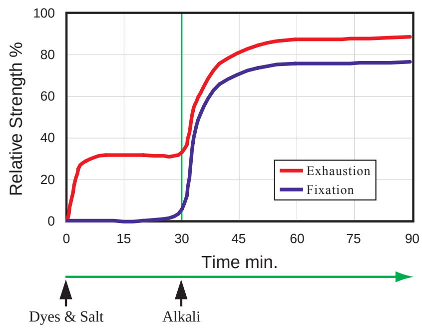
EVERLIGHT

Everzol Black GSP

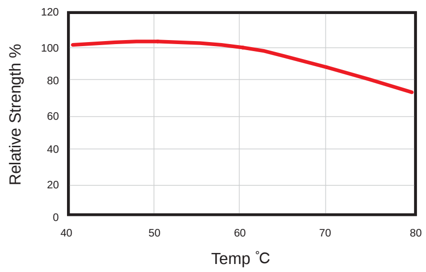
Dyeing Properties 特性

Characteristics		Evaluation
Reactivity 反應性		II
Substantivity 親和性		C
Migration 移染性		5
Washing off 洗淨性		4-5
Solubility g/l 溶解度	50℃ Water	150
	50℃ Water+50 g/l Salt	150
High temp. Dyeing 高溫染色性	Dyed fabric 色布	2-3
	Dye Liquor 染浴	2-3
Color constancy 色恆性	Tungsten Lamp	R
	TL 84 Lamp	R
Metallic ions 金屬離子	Fe++ 鐵	4
	Cu++ 銅	4
Resin finishing 樹脂加工	Melamine 三聚氰胺	4-5
	Glyoxal 乙二醛	4-5
Shade change after fixing treatment 固色後變色性	Polyamide 聚乙醯胺	5
	Quaternary ammonium salt 四級胺鹽	5
Stripping 脫色性	(1)	△
	(2)	◯
	(3)	◯
	(4)	◯
Discharge ability 拔染性	Neutral 中性	4
	Alkaline 鹼性	4-5

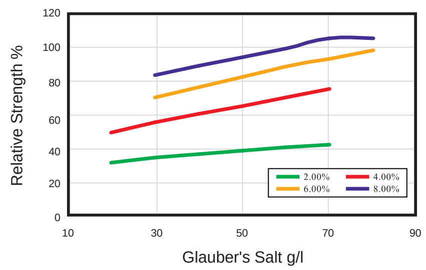
吸盡固著曲線 Exhaustion & Fixation



溫度依存性 Dependency on temperature



芒硝依存性 Dependency on Glauber's salt



Everzol Black GSP

EVERLIGHT

Fastness before fixing treatment 固色前牢度表

Fastness / Evaluation		Depth of shade 染色濃度	Color change 變褪色	Staining 污染 Acetate 醋酸纖維	Cotton 棉	Nylon 尼龍	Polyester 聚酯	Acrylic 壓克力	Wool 羊毛
Washing 耐水洗	ISO C02	6.0%	4-5	5	5	4-5	5	5	4-5
	ISO C03		4-5	5	5	4-5	5	5	4
	ISO C04		4-5	4-5	3	3	5	4-5	2
	ISO C06-C1S		4-5	5	5	4-5	5	5	5
	ISO C06-C2S		4-5	5	5	4-5	5	5	5
	M&S C4A		4-5	5	5	5	5	5	5
Water 耐水		6.0%	4-5	5	5	5	5	5	5
Hot Water 耐熱水		6.0%	4-5	5	5	5	5	5	5
Sea Water 耐海水		6.0%	4-5	5	5	5	5	5	5
Post mercerizing 後絲光		6.0%	2-3R		4-5				
Acid hydrolysis 酸水解		6.0%	4-5	5	5	4	5	5	5
Perspiration 耐汗	Acid 酸	6.0%	4-5	5	5	5	5	5	5
	Alkali 鹼		4-5	5	5	5	5	5	5

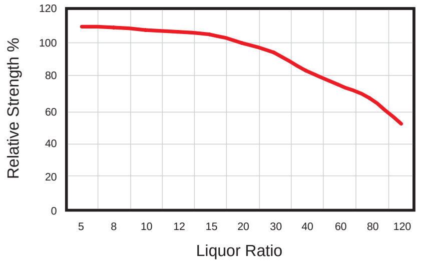
Fastness / Evaluation			Depth of shade 染色濃度	Grade 級數
Chlorinated Water耐氯水(20ppm)			6.0%	4-5
Peroxide Bleaching雙氧水漂白				5
Rubbing 耐摩擦	Dry 乾		6.0%	4
	Wet 濕			2-3
M&S C9A 擬溼日光 (detergent Light)			1.0%	4
			6.0%	>4-5
M&S C10A (UK-TO)			6.0%	4-5
Saliva (DIN) 耐唾液			6.0%	5
Hot-Pressing 耐熱壓	Dry 乾	Immediately	6.0%	4-5
		4 Hours after		4-5
	Wet 濕	Immediately	6.0%	4-5
		4 Hours after		4-5
Dry cleaning 耐乾洗			6.0%	4-5

Light Fastness 日光堅牢度

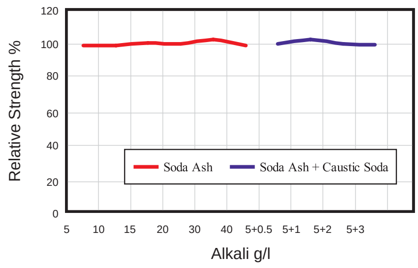
Evaluation	Dyeing Depth 染色濃度	Color Change 20 AFU	Grade ISO Blue Scale
Artificial Light (Xenon-Arc Lamp) 耐日光	0.3 %	*	*
	1.0 %	2-3	3-4
	3.0 %	3	4-5
	6.0 %	3-4	5-6
	8.0 %	4	5-6

Evaluation		Dyeing Depth 染色濃度	Color Change 20 AFU	Grade ISO Blue Scale
Perspiration Light 耐汗日光	Acid	6.0 %	3	5
	Alkali		2	3-4

浴比依存性 Dependency on Liquor ratio



鹼依存性 Dependency on alkali



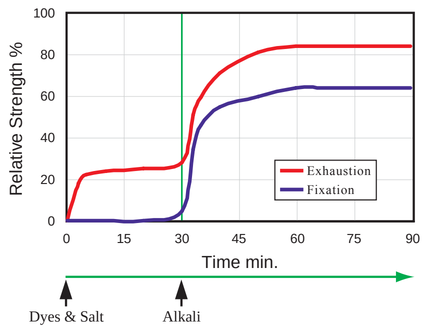
Everzol Black MW

EVERLIGHT

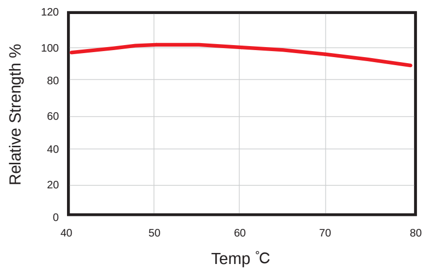
Dyeing Properties 特性

Characteristics		Evaluation
Reactivity 反應性		II
Substantivity 親和性		C
Migration 移染性		5
Washing off 洗淨性		4-5
Solubility g/l 溶解度	50℃ Water	150
	50℃ Water+50 g/l Salt	150
High temp. Dyeing 高溫染色性	Dyed fabric 色布	2-3
	Dye Liquor 染浴	2-3
Color constancy 色恆性	Tungsten Lamp	R
	TL 84 Lamp	R
Metallic ions 金屬離子	Fe++ 鐵	4
	Cu++ 銅	4
Resin finishing 樹脂加工	Melamine 三聚氰胺	4-5
	Glyoxal 乙二醛	4-5
Shade change after fixing treatment 固色後變色性	Polyamide 聚乙醯胺	5
	Quaternary ammonium salt 四級胺鹽	5
Stripping 脫色性	(1)	△
	(2)	◯
	(3)	◯
	(4)	◯
Discharge ability 拔染性	Neutral 中性	3-4
	Alkaline 鹼性	4-5

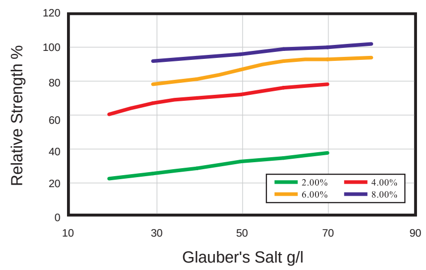
吸盡固著曲線 Exhaustion & Fixation



溫度依存性 Dependency on temperature



芒硝依存性 Dependency on Glauber's salt



Everzol Black MW

EVERLIGHT

Fastness before fixing treatment 固色前牢度表

Fastness		Depth of shade 染色濃度	Color change 變褪色	Staining 污染: Acetate 醋酸纖維	Cotton 棉	Nylon 尼龍	Polyester 聚酯	Acrylic 壓克力	Wool 羊毛
Washing 耐水洗	ISO C02	6.0%	4-5	5	5	4-5	5	5	4-5
	ISO C03		4-5	5	4-5	5	5	5	4
	ISO C04		4-5	5	3	3	5	4-5	2
	ISO C06-C1S		4-5	5	5	4-5	5	5	4-5
	ISO C06-C2S		4-5	5	5	4-5	5	5	5
	M&S C4A		4-5	5	5	5	5	5	5
Water 耐水		6.0%	4-5	5	5	5	5	5	5
Hot Water 耐熱水		6.0%	4-5	5	5	5	5	5	5
Sea Water 耐海水		6.0%	4-5	5	5	5	5	5	5
Post mercerizing 後絲光		6.0%	2-3R		4-5				
Acid hydrolysis 酸水解		6.0%	4-5	5	5	4-5	5	5	5
Perspiration 耐汗	Acid 酸	6.0%	4-5	5	5	5	5	5	5
	Alkali 鹼		4-5	5	5	5	5	5	5

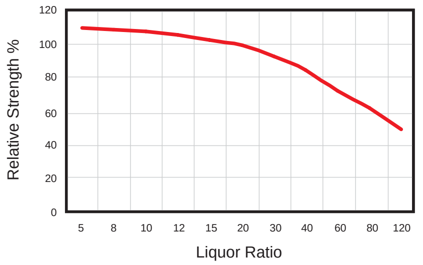
Fastness			Depth of shade 染色濃度	Grade 級數
Chlorinated Water耐氯水(20ppm)			6.0%	4-5
Peroxide Bleaching雙氧水漂白				5
Rubbing 耐摩擦	Dry 乾		6.0%	4
	Wet 濕			2-3
M&S C9A 擬溼日光 (detergent Light)			1.0%	4
			6.0%	>4-5
M&S C10A (UK-TO)			6.0%	4-5
Saliva (DIN) 耐唾液			6.0%	5
Hot-Pressing 耐熱壓	Dry 乾	Immediately	6.0%	4-5
		4 Hours after		4-5
	Wet 濕	Immediately	6.0%	4-5
		4 Hours after		4-5
Dry cleaning 耐乾洗			6.0%	4-5

Light Fastness 日光堅牢度

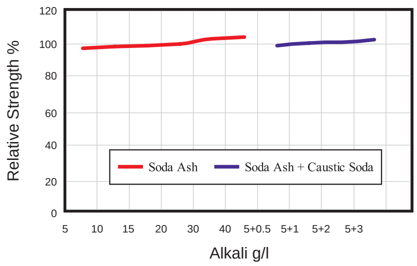
Evaluation	Dyeing Depth 染色濃度	Color Change 20 AFU	Grade ISO Blue Scale
Artificial Light (Xenon-Arc Lamp) 耐日光	0.3 %	*	*
	1.0 %	2-3	4
	3.0 %	3	4-5
	6.0 %	3-4	5-6
	8.0 %	4	5-6

Evaluation		Dyeing Depth 染色濃度	Color Change 20 AFU	Grade ISO Blue Scale
Perspiration Light 耐汗日光	Acid	6.0 %	3	5
	Alkali		2	3-4

浴比依存性 Dependency on Liquor ratio



鹼依存性 Dependency on alkali

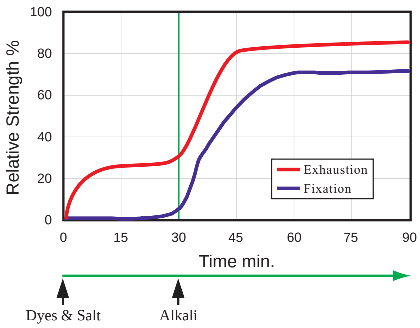


Everzol Black LNS

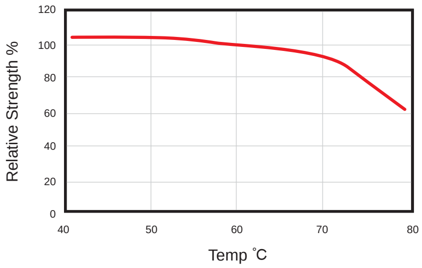
Dyeing Properties 特性

Characteristics		Evaluation
Reactivity 反應性		II
Substantivity 親和性		C
Migration 移染性		3
Washing off 洗淨性		4
Solubility g/l 溶解度	50℃ Water	150
	50℃ Water+50 g/l Salt	150
High temp. Dyeing 高溫染色性	Dyed fabric 色布	4
	Dye Liquor 染浴	4-5
Color constancy 色恆性	Tungsten Lamp	Y
	TL 84 Lamp	Y
Metallic ions 金屬離子	Fe++ 鐵	4-5
	Cu++ 銅	1
Resin finishing 樹脂加工	Melamine 三聚氰胺	5
	Glyoxal 乙二醛	4-5
Shade change after fixing treatment 固色後變色性	Polyamide 聚乙醯胺	5
	Quaternary ammonium salt 四級胺鹽	5
Stripping 脫色性	(1)	△
	(2)	○
	(3)	○
	(4)	○
Discharge ability 拔染性	Neutral 中性	3-4
	Alkaline 鹼性	4-5

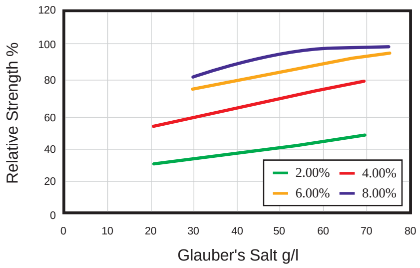
吸盡固著曲線 Exhaustion & Fixation



溫度依存性 Dependency on temperature



芒硝依存性 Dependency on Glauber's salt



Everzol Black LNS

EVERLIGHT

Fastness before fixing treatment 固色前牢度表

Fastness / Evaluation		Depth of shade 染色濃度	Color change 變褪色	Staining 污染: Acetate 醋酸纖維	Staining 污染: Cotton 棉	Staining 污染: Nylon 尼龍	Staining 污染: Polyester 聚酯	Staining 污染: Acrylic 壓克力	Staining 污染: Wool 羊毛
Washing 耐水洗	ISO C02	6.0%	5	5	4-5	5	5	5	5
	ISO C03		5	5	4	5	5	5	5
	ISO C04		4-5	3	1-2	4-5	5	5	1-2
	ISO C06-C1S		5	5	3-4	5	5	5	5
	ISO C06-C2S		5	5	3	5	5	5	5
	M&S C4A		5	5	4-5	5	5	5	5
Water 耐水		6.0%	5	5	5	5	5	5	5
Hot Water 耐熱水		6.0%	5	5	5	4	5	5	5
Sea Water 耐海水		6.0%	5	5	5	5	5	5	5
Post mercerizing 後絲光		6.0%	3-4R		3-4				
Acid hydrolysis 酸水解		6.0%	5	5	4	2-3	4-5	5	5
Perspiration 耐汗	Acid 酸	6.0%	5	5	5	5	5	5	5
	Alkali 鹼		5	5	5	5	5	5	5

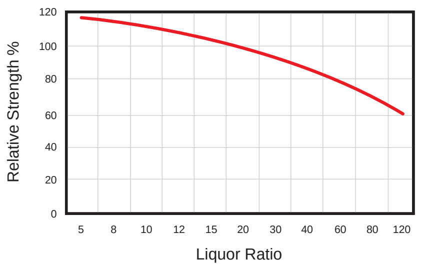
Fastness / Evaluation			Depth of shade 染色濃度	Grade 級數
Chlorinated Water耐氯水(20ppm)			6.0%	4
Peroxide Bleaching雙氧水漂白				4-5
Rubbing 耐摩擦	Dry 乾		6.0%	4
	Wet 濕			2-3
M&S C9A 擬溼日光 (detergent Light)			1.0%	4
			6.0%	>4-5
M&S C10A (UK-TO)			6.0%	4
Saliva (DIN) 耐唾液			6.0%	4-5
Hot-Pressing 耐熱壓	Dry 乾	Immediately	6.0%	4-5
		4 Hours after		4-5
	Wet 濕	Immediately	6.0%	4R
		4 Hours after		4-5
Dry cleaning 耐乾洗			6.0%	4-5

Light Fastness 日光堅牢度

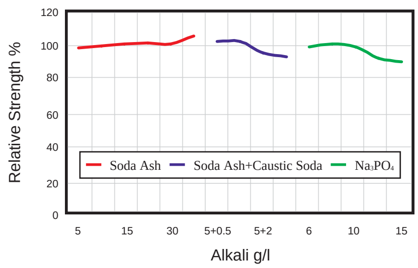
Evaluation	Dyeing Depth 染色濃度	Color Change 20 AFU	Grade ISO Blue Scale
Artificial Light (Xenon-Arc Lamp) 耐日光	0.3 %	*	*
	1.0 %	2	3-4
	3.0 %	3	4-5
	6.0 %	3-4	5-6
	8.0 %	4-5	6

Evaluation		Dyeing Depth 染色濃度	Color Change 20 AFU	Grade ISO Blue Scale
Perspiration Light 耐汗日光	Acid	6.0 %	3	5
	Alkali		2	3-4

浴比依存性 Dependency on Liquor ratio



鹼依存性 Dependency on alkali

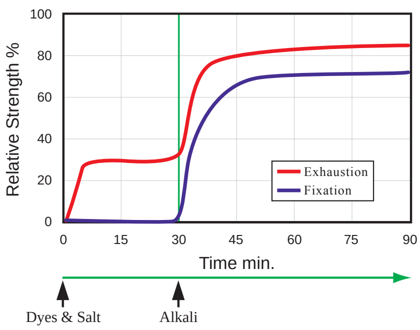


Everzol Black ED

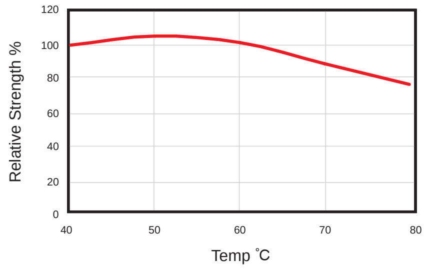
Dyeing Properties 特性

Characteristics		Evaluation
Reactivity 反應性		II
Substantivity 親和性		C
Migration 移染性		4-5
Washing off 洗淨性		4-5
Solubility g/l 溶解度	50℃ Water	150
	50℃ Water+50 g/l Salt	150
High temp. Dyeing 高溫染色性	Dyed fabric 色布	2-3
	Dye Liquor 染浴	2-3
Color constancy 色恆性	Tungsten Lamp	R
	TL 84 Lamp	R
Metallic ions 金屬離子	Fe++ 鐵	4-5
	Cu++ 銅	4
Resin finishing 樹脂加工	Melamine 三聚氰胺	4-5
	Glyoxal 乙二醛	4-5
Shade change after fixing treatment 固色後變色性	Polyamide 聚乙醯胺	4-5
	Quaternary ammonium salt 四級胺鹽	4-5
Stripping 脫色性	(1)	△
	(2)	◯
	(3)	◯
	(4)	◯
Discharge ability 拔染性	Neutral 中性	3-4
	Alkaline 鹼性	4-5

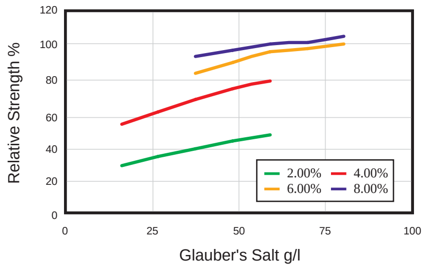
吸盡固著曲線 Exhaustion & Fixation



溫度依存性 Dependency on temperature



芒硝依存性 Dependency on Glauber's salt



Everzol Black ED

EVERLIGHT

Fastness before fixing treatment 固色前牢度表

Fastness		Depth of shade 染色濃度	Color change 變褪色	Staining 污染: Acetate 醋酸纖維	Cotton 棉	Nylon 尼龍	Polyester 聚酯	Acrylic 壓克力	Wool 羊毛
Washing 耐水洗	ISO C02	6.0%	4-5	5	5	4-5	5	5	4
	ISO C03		4-5	5	5	4-5	5	5	3-4
	ISO C04		4-5	4-5	3	3	5	4-5	2
	ISO C06-C1S		4-5	5	5	4-5	5	5	4
	ISO C06-C2S		4-5	5	5	4-5	5	5	4-5
	M&S C4A		4-5	5	5	5	5	5	5
Water 耐水		6.0%	4-5	5	5	5	5	5	5
Hot Water 耐熱水		6.0%	5	5	4-5	5	5	5	5
Sea Water 耐海水		6.0%	4-5	5	5	5	5	5	5
Post mercerizing 後絲光		6.0%	3R		4-5				
Acid hydrolysis 酸水解		6.0%	4	5	5	4	5	5	4-5
Perspiration 耐汗	Acid 酸	6.0%	4-5	5	5	5	5	5	5
	Alkali 鹼		4-5	5	5	5	5	5	5

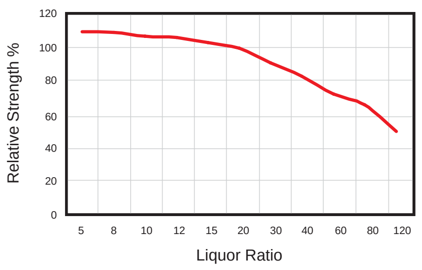
Fastness			Depth of shade 染色濃度	Grade 級數
Chlorinated Water耐氯水(20ppm)			6.0%	4-5
Peroxide Bleaching雙氧水漂白				5
Rubbing 耐摩擦	Dry 乾		6.0%	4
	Wet 濕			2-3
M&S C9A 擬溼日光 (detergent Light)			1.0%	4
			6.0%	>4-5
M&S C10A (UK-TO)			6.0%	4-5
Saliva (DIN) 耐唾液			3.0%	5
Hot-Pressing 耐熱壓	Dry 乾	Immediately	6.0%	4-5
		4 Hours after		4-5
	Wet 濕	Immediately	6.0%	4-5
		4 Hours after		4-5
Dry cleaning 耐乾洗			6.0%	4-5

Light Fastness 日光堅牢度

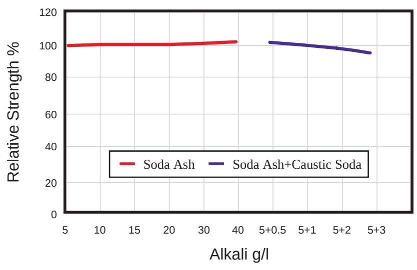
Evaluation	Dyeing Depth 染色濃度	Color Change 20 AFU	Grade ISO Blue Scale
Artificial Light (Xenon-Arc Lamp) 耐日光	0.3 %	*	*
	1.0 %	2-3	3-4
	3.0 %	3	4-5
	6.0 %	3-4	5-6
	8.0 %	4	5-6

Evaluation		Dyeing Depth 染色濃度	Color Change 20 AFU	Grade ISO Blue Scale
Perspiration Light 耐汗日光	Acid	6.0 %	3	5
	Alkali		2	3-4

浴比依存性 Dependency on Liquor ratio



鹼依存性 Dependency on alkali



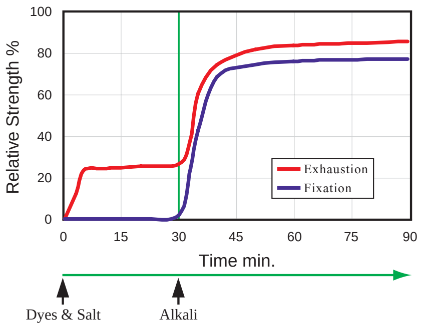
EVERLIGHT

Everzol Black ED-2R

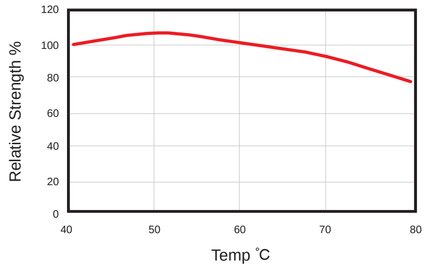
Dyeing Properties 特性

Characteristics		Evaluation
Reactivity 反應性		II
Substantivity 親和性		C
Migration 移染性		2
Washing off 洗淨性		4
Solubility g/l 溶解度	50℃ Water	150
	50℃ Water+50 g/l Salt	150
High temp. Dyeing 高溫染色性	Dyed fabric 色布	2
	Dye Liquor 染浴	2
Color constancy 色恆性	Tungsten Lamp	R
	TL 84 Lamp	R
Metallic ions 金屬離子	Fe++ 鐵	4-5
	Cu++ 銅	3-4 R (Y)
Resin finishing 樹脂加工	Melamine 三聚氰胺	4-5
	Glyoxal 乙二醛	4-5
Shade change after fixing treatment 固色後變色性	Polyamide 聚乙醯胺	4-5
	Quaternary ammonium salt 四級胺鹽	4-5
Stripping 脫色性	(1)	△
	(2)	○
	(3)	○
	(4)	○
Discharge ability 拔染性	Neutral 中性	3
	Alkaline 鹼性	3

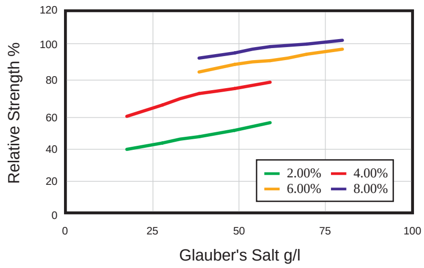
吸盡固著曲線 Exhaustion & Fixation



溫度依存性 Dependency on temperature



芒硝依存性 Dependency on Glauber's salt



Everzol Black ED-2R

EVERLIGHT

Fastness before fixing treatment 固色前牢度表

Fastness / Evaluation		Depth of shade 染色濃度	Color change 變褪色	Staining 污染: Acetate 醋酸纖維	Cotton 棉	Nylon 尼龍	Polyester 聚酯	Acrylic 壓克力	Wool 羊毛
Washing 耐水洗	ISO C02	6.0%	4-5	5	4	5	5	5	5
	ISO C03		4-5	5	4	5	5	5	5
	ISO C04		4-5	5	3	5	5	5	2-3
	ISO C06-C1S		4-5	5	4	5	5	5	5
	ISO C06-C2S		4-5	5	4	5	5	5	5
	M&S C4A		4-5	5	4	5	5	5	5
Water 耐水		6.0%	4-5	5	4-5	5	5	5	5
Hot Water 耐熱水		6.0%	5	5	5	4-5	5	5	5
Sea Water 耐海水		6.0%	4-5	5	5	5	5	5	5
Post mercerizing 後絲光		6.0%	3		4				
Acid hydrolysis 酸水解		6.0%	4-5	5	3-4	3-4	5	5	4
Perspiration 耐汗	Acid 酸	6.0%	4-5	5	4-5	4-5	5	5	5
	Alkali 鹼		4-5	5	4-5	4-5	5	5	5

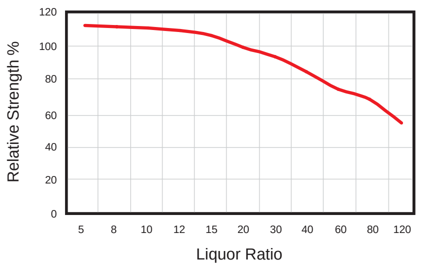
Fastness / Evaluation			Depth of shade 染色濃度	Grade 級數
Chlorinated Water耐氯水(20ppm)			6.0%	4
Peroxide Bleaching雙氧水漂白				4-5
Rubbing 耐摩擦	Dry 乾		6.0%	4
	Wet 濕			2-3
M&S C9A 擬溼日光 (detergent Light)			1.0%	4
			6.0%	>4-5
M&S C10A (UK-TO)			6.0%	4
Saliva (DIN) 耐唾液			6.0%	5
Hot-Pressing 耐熱壓	Dry 乾	Immediately	6.0%	4-5
		4 Hours after		4-5
	Wet 濕	Immediately	6.0%	4-5
		4 Hours after		4-5
Dry cleaning 耐乾洗			6.0%	4-5

Light Fastness 日光堅牢度

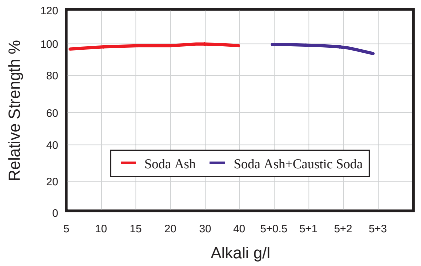
Evaluation	Dyeing Depth 染色濃度	Color Change 20 AFU	Grade ISO Blue Scale
Artificial Light (Xenon-Arc Lamp) 耐日光	0.3 %	*	*
	1.0 %	2-3	3-4
	3.0 %	3	4-5
	6.0 %	3-4	5-6
	8.0 %	4	5-6

Evaluation		Dyeing Depth 染色濃度	Color Change 20 AFU	Grade ISO Blue Scale
Perspiration Light 耐汗日光	Acid	6.0 %	3	5
	Alkali		2	3-4

浴比依存性 Dependency on Liquor ratio



鹼依存性 Dependency on alkali



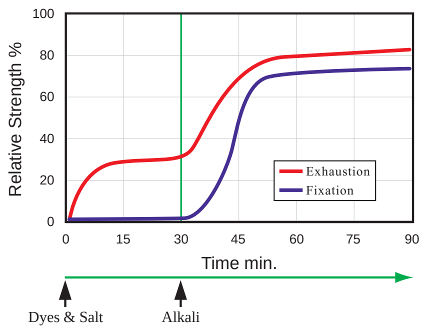
Everzol Black ED-G

EVERLIGHT

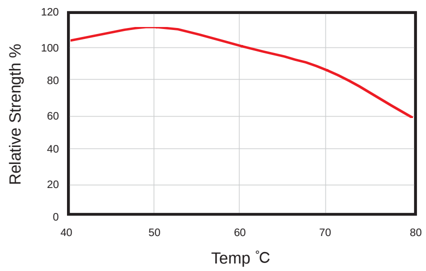
Dyeing Properties 特性

Characteristics		Evaluation
Reactivity 反應性		II
Substantivity 親和性		C
Migration 移染性		4
Washing off 洗淨性		4-5
Solubility g/l 溶解度	50℃ Water	150
	50℃ Water+50 g/l Salt	150
High temp. Dyeing 高溫染色性	Dyed fabric 色布	4
	Dye Liquor 染浴	3-4
Color constancy 色恆性	Tungsten Lamp	Y
	TL 84 Lamp	Y
Metallic ions 金屬離子	Fe++ 鐵	4
	Cu++ 銅	2-3
Resin finishing 樹脂加工	Melamine 三聚氰胺	3-4
	Glyoxal 乙二醛	5
Shade change after fixing treatment 固色後變色性	Polyamide 聚乙醯胺	5
	Quaternary ammonium salt 四級胺鹽	5
Stripping 脫色性	(1)	△
	(2)	◯
	(3)	◯
	(4)	◯
Discharge ability 拔染性	Neutral 中性	3
	Alkaline 鹼性	4

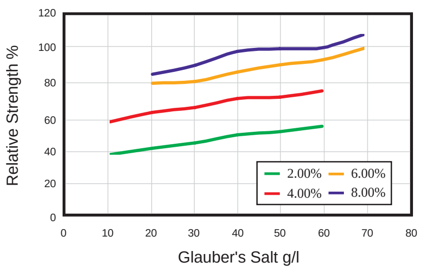
吸盡固著曲線 Exhaustion & Fixation



溫度依存性 Dependency on temperature



芒硝依存性 Dependency on Glauber's salt



Everzol Black ED-G

EVERLIGHT

Fastness before fixing treatment 固色前牢度表

Fastness		Depth of shade 染色濃度	Color change 變褪色	Staining 污染 Acetate 醋酸纖維	Cotton 棉	Nylon 尼龍	Polyester 聚酯	Acrylic 壓克力	Wool 羊毛
Washing 耐水洗	ISO C02	6.0%	4-5	5	4-5	5	5	5	5
	ISO C03		4-5	5	4-5	5	5	5	5
	ISO C04		4-5	5	4	5	5	5	5
	ISO C06-C1S		4-5	5	4	5	5	5	5
	ISO C06-C2S		4-5	5	4-5	5	5	5	5
	M&S C4A		4-5	5	5	5	5	5	5
Water 耐水		6.0%	4-5	5	5	5	5	5	5
Hot Water 耐熱水		6.0%	4-5	5	5	4-5	5	5	5
Sea Water 耐海水		6.0%	4-5	5	5	5	5	5	5
Post mercerizing 後絲光		6.0%	3-4R		3-4				
Acid hydrolysis 酸水解		6.0%	4-5	5	5	5	5	5	5
Perspiration 耐汗	Acid 酸	6.0%	4-5	5	5	5	5	5	5
	Alkali 鹼		4-5	5	5	5	5	5	5

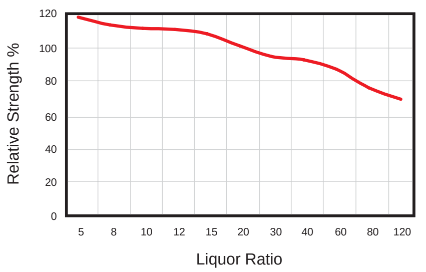
Fastness			Depth of shade 染色濃度	Grade 級數
Chlorinated Water耐氯水(20ppm)			6.0%	3-4
Peroxide Bleaching雙氧水漂白				5
Rubbing 耐摩擦	Dry 乾		6.0%	4-5
	Wet 濕			2-3
M&S C9A 擬澄日光 (detergent Light)			1.0%	4-5
			6.0%	>4-5
M&S C10A (UK-TO)			6.0%	4-5
Saliva (DIN) 耐唾液			6.0%	5
Hot-Pressing 耐熱壓	Dry 乾	Immediately	6.0%	4-5
		4 Hours after		4-5
	Wet 濕	Immediately	6.0%	4-5
		4 Hours after		4-5
Dry cleaning 耐乾洗			6.0%	4-5

Light Fastness 日光堅牢度

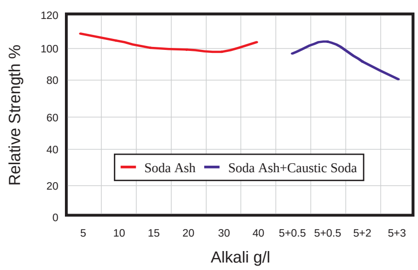
Evaluation	Dyeing Depth 染色濃度	Color Change 20 AFU	Grade ISO Blue Scale
Artificial Light (Xenon-Arc Lamp) 耐日光	0.3 %	*	*
	1.0 %	3	4
	3.0 %	4	5
	6.0 %	4-5	6
	8.0 %	5	6

Evaluation		Dyeing Depth 染色濃度	Color Change 20 AFU	Grade ISO Blue Scale
Perspiration Light 耐汗日光	Acid	6.0 %	3-4	5
	Alkali		3	4-5

浴比依存性 Dependency on Liquor ratio



鹼依存性 Dependency on alkali



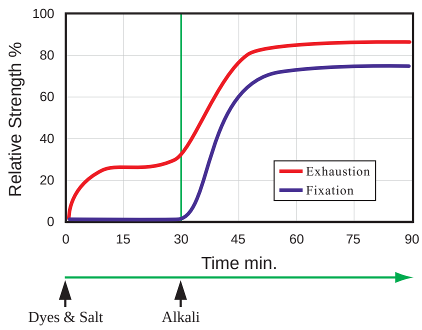
Everzol Black ED-R

EVERLIGHT

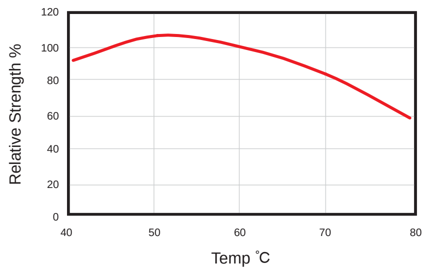
Dyeing Properties 特性

Characteristics		Evaluation
Reactivity 反應性		II
Substantivity 親和性		C
Migration 移染性		4-5
Washing off 洗淨性		4
Solubility g/l 溶解度	50℃ Water	100
	50℃ Water+50 g/l Salt	100
High temp. Dyeing 高溫染色性	Dyed fabric 色布	2
	Dye Liquor 染浴	2-3
Color constancy 色恆性	Tungsten Lamp	Y
	TL 84 Lamp	Y
Metallic ions 金屬離子	Fe++ 鐵	4
	Cu++ 銅	1
Resin finishing 樹脂加工	Melamine 三聚氰胺	4
	Glyoxal 乙二醛	2-3
Shade change after fixing treatment 固色後變色性	Polyamide 聚乙醯胺	4
	Quaternary ammonium salt 四級胺鹽	5
Stripping 脫色性	(1)	△
	(2)	○
	(3)	○
	(4)	○
Discharge ability 拔染性	Neutral 中性	3-4
	Alkaline 鹼性	4-5

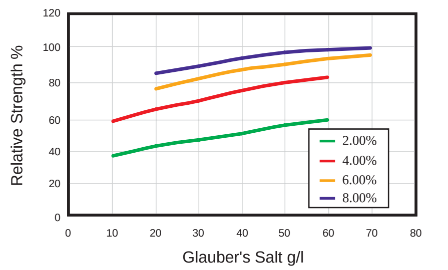
吸盡固著曲線 Exhaustion & Fixation



溫度依存性 Dependency on temperature



芒硝依存性 Dependency on Glauber's salt



Everzol Black ED-R

EVERLIGHT

Fastness before fixing treatment 固色前牢度表

Fastness / Evaluation		Depth of shade 染色濃度	Color change 變褪色	Staining 污染: Acetate 醋酸纖維	Cotton 棉	Nylon 尼龍	Polyester 聚酯	Acrylic 壓克力	Wool 羊毛
Washing 耐水洗	ISO C02	6.0%	4-5	5	5	5	5	5	5
	ISO C03		4-5	5	5	5	5	5	5
	ISO C04		4-5	5	2-3	4-5	5	4-5	2-3
	ISO C06-C1S		4-5	5	4-5	5	5	5	5
	ISO C06-C2S		4-5	5	4-5	5	5	5	5
	M&S C4A		4-5	5	5	5	5	5	5
Water 耐水		6.0%	4-5	5	5	5	5	5	5
Hot Water 耐熱水		6.0%	4-5	5	4-5	3-4	4-5	5	5
Sea Water 耐海水		6.0%	4-5	5	5	5	5	5	5
Post mercerizing 後絲光		6.0%	3-4R		3-4				
Acid hydrolysis 酸水解		6.0%	4-5	5	5	5	5	5	5
Perspiration 耐汗	Acid 酸	6.0%	4-5	5	5	5	5	5	5
	Alkali 鹼		4-5	5	5	5	5	5	5

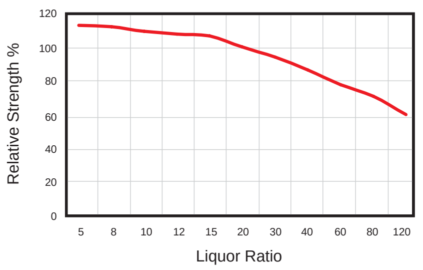
Fastness / Evaluation			Depth of shade 染色濃度	Grade 級數
Chlorinated Water耐氯水(20ppm)			6.0%	4-5
Peroxide Bleaching雙氧水漂白				4-5
Rubbing 耐摩擦	Dry 乾		6.0%	4
	Wet 濕			2-3
M&S C9A 擬溼日光 (detergent Light)			1.0%	4
			6.0%	>4-5
M&S C10A (UK-TO)			6.0%	4-5
Saliva (DIN) 耐唾液			6.0%	5
Hot-Pressing 耐熱壓	Dry 乾	Immediately	6.0%	4-5
		4 Hours after		4-5
	Wet 濕	Immediately	6.0%	4-5
		4 Hours after		4-5
Dry cleaning 耐乾洗			6.0%	4-5

Light Fastness 日光堅牢度

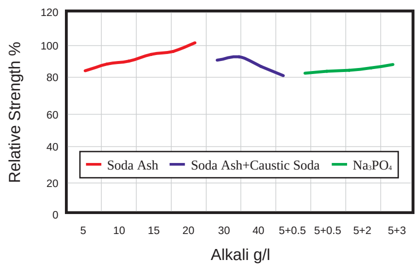
Evaluation	Dyeing Depth 染色濃度	Color Change 20 AFU	Grade ISO Blue Scale
Artificial Light (Xenon-Arc Lamp) 耐日光	0.3 %	*	*
	1.0 %	3	4
	3.0 %	3-4	5
	6.0 %	4	5-6
	8.0 %	4-5	6

Evaluation		Dyeing Depth 染色濃度	Color Change 20 AFU	Grade ISO Blue Scale
Perspiration Light 耐汗日光	Acid	6.0 %	3	5
	Alkali		2-3	5

浴比依存性 Dependency on Liquor ratio



鹼依存性 Dependency on alkali



Note

Note

Note

Note

EVERLIGHT

Technical Service/Marketing Division