

Shading

Sampling is carried out 30-60 mins after addition of alkali. After rinsing and boiling with soaping agent, drying, check the sample shade against the desired shade. If the color difference is out of accept, shading is necessary.

- (1).Shading method(slight color difference).
 - a.Cool the dye bath to 60 °C
 - b.Add the well-dissolved dyes slowly,kept for 15 mins.
 - c.Raise the temperature to 80°C
 - d.Dyeing 20-30 mins, sampling,check shade.
- (2).Shading method(much color difference).
 - a.Drop one-third or half of the dye bath and salt with cold water. The temperature and salt concentration or dye beth will be decreased by addition of cold water,the absorption and fixation of shading dyes will be solwer, the danger of uneven dyeing is less.
 - b.Add the well dissolved dyes slowly, and kepted for 15-20 mins.
 - c.Raised the temperature to 80°C
 - d.Dyeing 20-30 mins. sampling and check shade.



CHROCION DYES 高温活性染料

CHROCION DYES 高温活性染料

台灣總公司：

桃園市大園區致祥一街 110 號
Tel: +886-3-381-0751 Fax: +886-3-381-0785

宿遷工廠：

宿遷市湖濱新城開發區工業園區經六路一號
Tel: +86-527-8803-2155 Fax: +86-527-8803-2163

上海辦事處：

上海市金鐘路 658 弄 12 號 B 座
Tel: +86-21-5150-7029 Fax: +86-21-5150-7023

Taiwan Head Office

No.110, Zhixiang 1st. St., Dayuan
Shiang, Taoyuan County Taiwan 33743
Tel: +886-3-381-0751 Fax: +886-3-381-0785
E-mail: chromaexport@gmail.com

Suqian Factory

No.1, Jingliu Road, Lakeside New Town
Development Zone, Suqian, Jiangsu
Jiangsu Province, P.R. China 223809
Tel: +86-527-8803-2155 Fax: +86-527-8803-2163



201507-01



Chroma Chemical Corp.
虹光化學工業股份有限公司

※右方資料建立於本公司實驗室現有知識及經驗之上，所有數據僅供參考，未能涵蓋所有客戶染房內實際的條件及情況，因此使用產品前，請做好充足實驗。

CHROCION COLORS ON COTTON								
Chrocion Dyestuffs	Color Sample	Dyeing depth (% O.W.F.)	C.I.NO. (Reactive)	Solubility (50°C)	Light	Washing	Rubbing	Chlorine bleaching
Yellow H-E4G	3	Y 105	50	5-6	4-5	4-5	1-2	
Yellow H-E4R	3	Y 84	100	5-6	5	4-5	4	
Orange H-ER	3	Or 84	40	4-5	4	5	4	
Scarlet H-E3G	3		100	5-6	5	4	3-4	
Red H-E3B	3	R 120	140	5-6	4-5	4	2-3	
Red H-E7B	3	R 141	150	5-6	4-5	5	3-4	
Turquoise H-A	3	B 71	110	6	5	4-5	3	
Blue H-ERD	3	B 160	100	5-6	4-5	5	2	
Blue H-EGN125%	3	B 198	100	5-6	5	5	3	
Nary Blue H-ER	3	B 171	100	4	4-5	4	3	
Green H-E4BD	3	Gr 19	120	5	5	5	2	

This information given in this shade card is based on our current knowledge and work carried out in our laboratory. All data value provided is for references only. The practical dyeing conditions of customers are not what we can control, so doing sufficient experiments is strongly recommended before using our products.

INTRODUCTION

CHROCION DYES are one of reactive dyes of Mono-chlorotriazine(M.C.T.)TYPE.

These dyes are applied by exhaust dyeing methods within temperature range of 80-85 °C

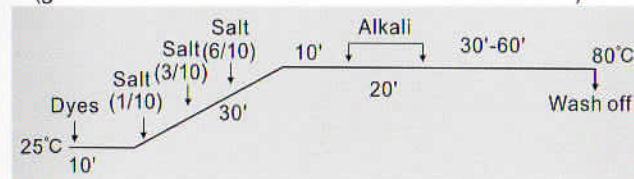
CHROCION DYES are suitable for dyeing all cellulose and its blends with synthetic fibers. These dyes have the following advantages:

- Excellent build up on color.
- Excellent compatibility.
- Consistently high levels of batch-to-batch shade reproducibility.

Exhaustion Dyeing

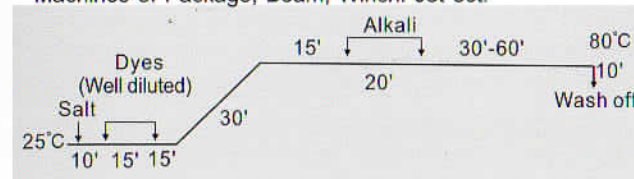
(1)Method 1: Portionwise addition of salt

(general recommended method of CHROCION DYES)



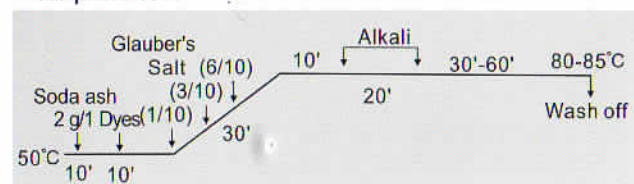
(2)Method 2: Salt at start

This method is recommended for fully automatic Machines of Package, Beam, Winch. Jet ect.



(3)Method 3: Special dyeing method of CHROCION

Turquoise H-A



Salt and alkali requirements

Dyestuffs	Common salt or Glauber's salt(g/l)		Alkali(g/l)			Fixation time(min)
	Unmerc. Cotton	Merc.Cotton Viscose Rayon	Soda ash only	Soda ash + Caustic Soda		
Upto0.10	10	5	10	5	0.2	30
0.11-0.30	20	10	10	5	0.2	30
0.31-0.50	30	20	10	5	0.2	45
0.51-1.00	45	30	15	5	0.2	45
1.01-2.00	60	40	15	5	0.5	45
2.01-4.00	70	55	20	5	0.5	60
above4.01	90	65	20	5	0.5	60

Washing off procedure

In presence of salt, Chrocion dyes possess substantivity to cotton fiber, the unfixed reactive dyes is difficult to removed during soaping stage, It is necessary to removed as much salt and alkali as possible before the soaping process.

The following washing procedure are recommended:

- (1)Cold rinse until the water is clear
- (2)60°C warm rinse for 10 mins
- (3)98°C soaping with 1 g/l soaping agent for 10-20 mins
- (4)70-80°C hot rinse for 10 mins
- (5)Cold rinse until clear,fixing and softening are carried out if necessary.