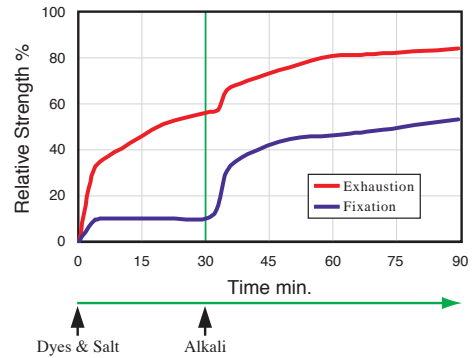


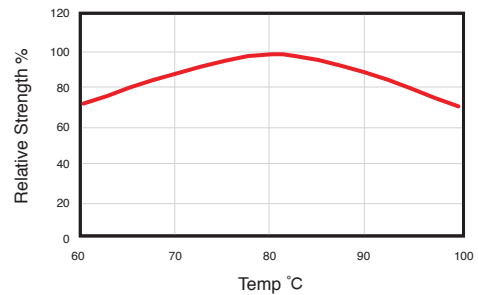
Dyeing Properties 特性

Characteristics		Evaluation
Reactivity 反應性		I
Substantivity 親和性		A
Migration 移染性		4
Washing off 洗淨性		3
Solubility g/l 溶解度	50°C Water	150
	50°C Water+50 g/l Salt	10 ↓
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
	(2)	2-3
	(3)	3
	(4)	4
Discharge ability 拔染性	Neutral 中性	3
	Alkaline 鹼性	2

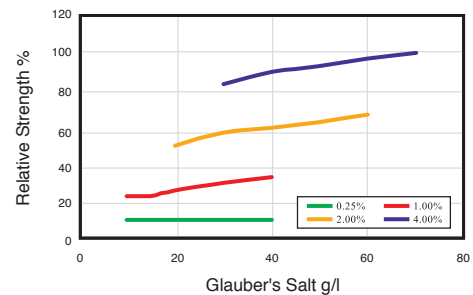
吸盡固著曲線 Exhaustion & Fixation



溫度依存性 Dependency on temperature



芒硝依存性 Dependency on Glauber's salt



Everzol Turquoise Blue G



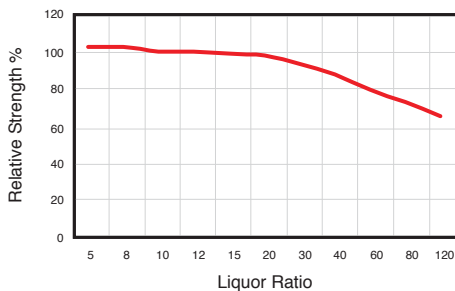
Fastness before fixing treatment 固色前牢度表

Evaluation		Depth of shade 染色濃度	Color change 變褪色	Staining 污染						Evaluation		Depth of shade 染色濃度	Grade 級數
				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	Chlorinated Water耐氯水(20ppm)	3.0%	3	
	ISO C03		4-5	5	3	4-5	5	5	4-5			Peroxide Bleaching雙氧水漂白	2
	ISO C04		4-5	5	2	4-5	5	4-5	2-3	Rubbing 耐摩擦	3.0%	5	
	ISO C06-C1S		4-5	5	3	5	5	4-5	5			Wet 濕	2-3
	ISO C06-C2S		5	5	3-4	5	5	5	5	M&S C9A 擬溼日光 (detergent Light)	0.3%	4-5	
	M&S C4A		4-5	5	3	4	5	5	4-5			3.0%	4-5
Water 耐水		3.0%	5	5	5	5	5	5	M&S C10A (UK-TO)	3.0%	4		
Hot Water 耐熱水		3.0%	5	5	5	5	5	5	Saliva (DIN) 耐唾液	3.0%	4-5		
Sea Water 耐海水		3.0%	5	5	5	5	5	5	Hot- Pressing 耐熱壓	3.0%	4-5		
Post mercerizing 後絲光		3.0%	3G		4						Dry 乾	Immediately	5
Acid hydrolysis 酸水解		3.0%	3Y	5	5	5	5	5	Wet 濕	3.0%	4-5		
Perspiration 耐汗	Acid 酸	3.0%	4-5	5	5	5	5	5			Immediately	4-5	
	Alkali 鹼		4-5	5	5	5	5	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	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	Perspiration Light 耐汗日光	Acid Alkali	3.0 %	2-3	4
		0.3 %	4	5-6				2-3	3
		1.0 %	4	6					
		3.0 %	>4-5	>6					
		6.0 %	>4-5	>6					

浴比依存性 Dependency on Liquor ratio



鹼依存性 Dependency on alkali

