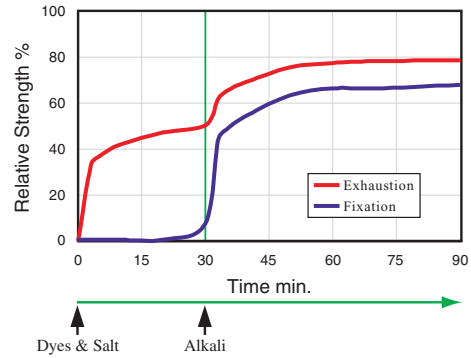


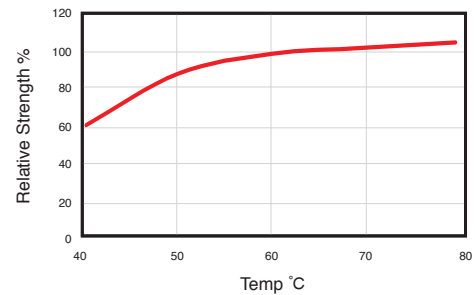
Dyeing Properties 特性

Characteristics		Evaluation
Reactivity 反應性		II
Substantivity 親和性		A
Migration 移染性		2-3
Washing off 洗淨性		4
Solubility g/l 溶解度	50°C Water	75
	50°C 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)	1-2
	(2)	1-2
	(3)	2
	(4)	2-3
Discharge ability 拔染性	Neutral 中性	3
	Alkaline 鹼性	2-3

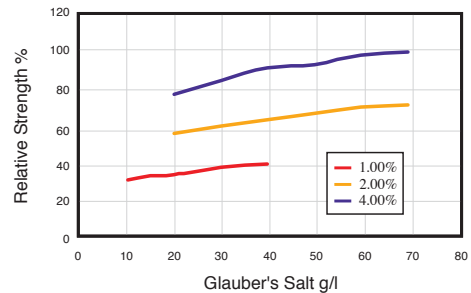
吸盡固著曲線 Exhaustion & Fixation



溫度依存性 Dependency on temperature



芒硝依存性 Dependency on Glauber's salt



Everzol Yellow ED-R



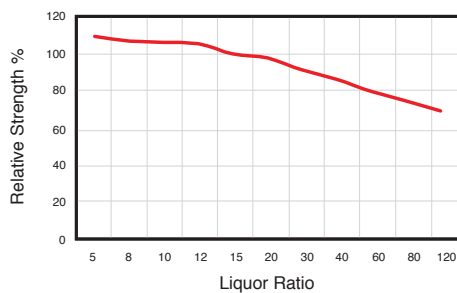
Fastness before fixing treatment 固色前牢度表

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				
Fastness	Washing 耐水洗	3.0%	4-5	5	4-5	5	5	5	5	Chlorinated Water耐氯水(20ppm)	3.0%	2-3	
	ISO C02			5	4-5	5	5	5	Peroxide Bleaching雙氧水漂白			4-5	
	ISO C03			5	4	5	5	4	Rubbing 耐摩擦			3.0%	5
	ISO C04			5	5	5	5	5					Wet 濕
	ISO C06-C1S			5	4-5	5	5	5	M&S C9A 擬溼日光 (detergent Light)			0.3%	5
	ISO C06-C2S			5	4-5	5	5	5					3.0%
M&S C4A	5	4-5	5	5	5	M&S C10A (UK-TO)	3.0%	4-5					
Water 耐水		3.0%	4-5	5	5	5	5	5	Saliva (DIN) 耐唾液	3.0%	5		
Hot Water 耐熱水		3.0%	4-5	5	5	5	5	5	Hot-Pressing 耐熱壓	3.0%	5		
Sea Water 耐海水		3.0%	4	5	4-5	5	5	5			Dry 乾	Immediately	5
Post mercerizing 後絲光		3.0%	4		4-5				4 Hours after	3.0%	5		
Acid hydrolysis 酸水解		3.0%	4-5	5	4-5	4	5	5	4-5	Wet 濕	Immediately	4-5	
Perspiration 耐汗	Acid 酸	3.0%	4-5	5	4-5	5	5	5	5	4 Hours after	3.0%	5	
	Alkali 鹼									4-5	5	4-5	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 %	*	*	Perspiration Light 耐汗日光	Acid Alkali	3.0 %	4	5-6
		0.3 %	4-5	5-6				4	5
		1.0 %	4-5	>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

