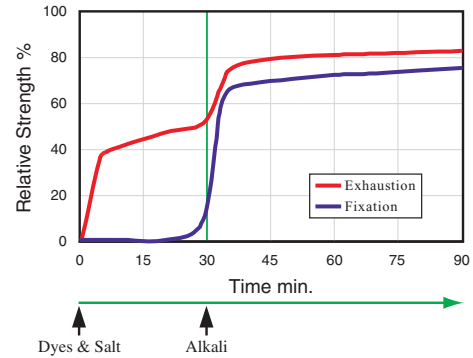


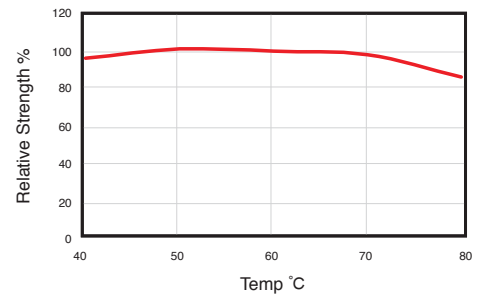
Dyeing Properties 特性

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°C Water	70
	50°C 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)	3-4
	(2)	1-2
	(3)	1
	(4)	1
Discharge ability 拔染性	Neutral 中性	5
	Alkaline 鹼性	5

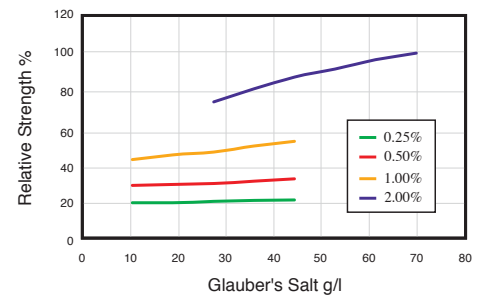
吸盡固著曲線 Exhaustion & Fixation



溫度依存性 Dependency on temperature



芒硝依存性 Dependency on Glauber's salt



Everzol Red LF-2B



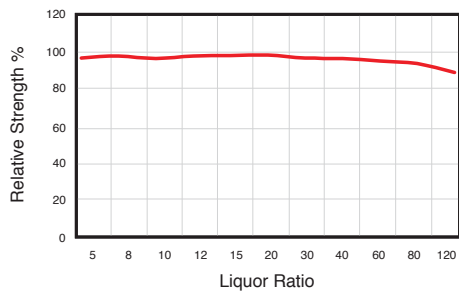
Fastness before fixing treatment 固色前牢度表

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	1.0%	5	5	5	5	5	5	5	5	Chlorinated Water耐氯水(20ppm)	1.0%	2-3	
	ISO C03		4-5	5	5	5	5	5	5	5	Peroxide Bleaching雙氧水漂白		3-4	
	ISO C04		4-5	5	5	5	5	5	4		Rubbing 耐摩擦	1.0%	Dry 乾	5
	ISO C06-C1S		5	5	5	5	5	5	5		Wet 濕		5	
	ISO C06-C2S		4-5	5	5	5	5	5	5		M&S C9A 擬溼日光 (detergent Light)	0.1%	>4-5	
	M&S C4A		4-5	5	5	5	5	5	5			1.0%	>4-5	
Water 耐水		1.0%	5	5	5	5	5	5	5	M&S C10A (UK-TO)	1.0%	4		
Hot Water 耐熱水		1.0%	4-5	5	5	5	5	5	5	Saliva (DIN) 耐唾液	1.0%	4-5		
Sea Water 耐海水		1.0%	5	5	5	5	5	5	5		1.0%	Dry 乾	Immediately	2-3
Post mercerizing 後絲光		1.0%	3-4B		4-5					Hot-Pressing 耐熱壓		4 Hours after	4-5	
Acid hydrolysis 酸水解		1.0%	5	5	5	5	5	5	5		1.0%	Wet 濕	Immediately	3
Perspiration 耐汗	Acid 酸	1.0%	5	5	5	5	5	5	5			4 Hours after	4-5	
	Alkali 鹼		5	5	5	5	5	5	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	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	Perspiration Light 耐汗日光	Acid Alkali	1.0 %	4	6
		0.3 %	4	6				3-4	5
		1.0 %	4-5	>6					
		3.0 %	4-5	>6					
		6.0 %	*	*					

浴比依存性 Dependency on Liquor ratio



鹼依存性 Dependency on alkali

