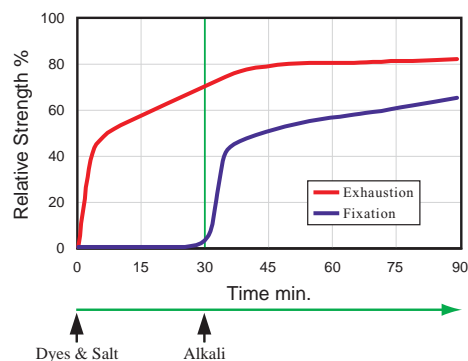


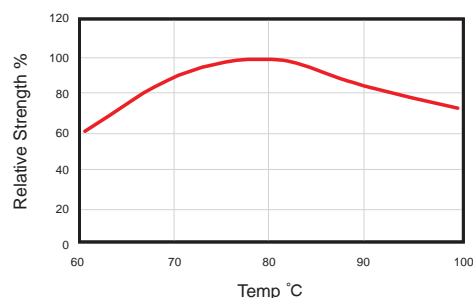
Dyeing Properties 特性

Characteristics		Evaluation
Reactivity 反應性		III
Substantivity 親和性		A
Migration 移染性		4
Washing off 洗淨性		2-3
Solubility g/l 溶解度	50°C Water	100
	50°C Water+50 g/l Salt	80
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	B
Metallic ions 金屬離子	Fe ⁺⁺ 鐵	4-5
	Cu ⁺⁺ 銅	3BD
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	3B
	Quaternary ammonium salt 四級胺鹽	4-5

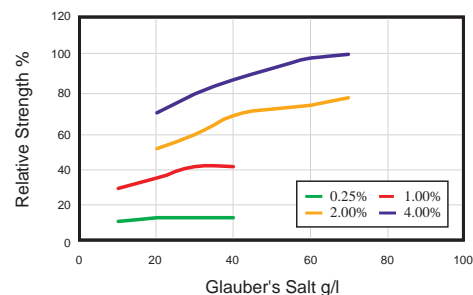
吸盡固著曲線 Exhaustion & Fixation



溫度依存性 Dependency on temperature



芒硝依存性 Dependency on Glauber's salt



Evercion Red ESL

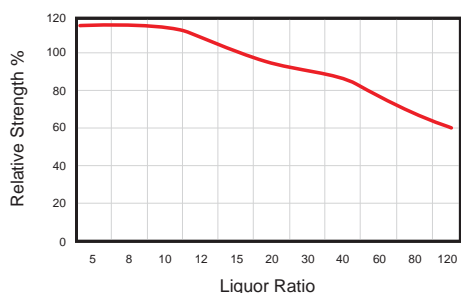
Fastness before fixing treatment 固色前牢度表

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										Fastness			
Washing 耐水洗	ISO C02	3.0%	4-5	4-5	3-4	5	5	5	5	Chlorinated Water耐氯水(20ppm)	3.0%	3-4B	
	ISO C03		4-5	4-5	3-4	5	5	4-5	5	Peroxide Bleaching雙氧水漂白		4	
	ISO C04		4-5	4-5	3	5	5	4-5	3	Rubbing 耐摩擦	3.0%	5	
	ISO C06-C1S		5	5	4	5	5	5	5			Wet 濕	2-3
	ISO C06-C2S		5	5	4-5	5	5	5	5	M&S C9A (detergent Light)	0.3%	>4-5	
	M&S C4A		5	5	4-5	5	5	5	5		3.0%	>4-5	
Water 耐水		3.0%	5	4-5	3-4	5	5	5	M&S C10A (UK-TO)	3.0%	4-5		
Hot Water 耐熱水		3.0%	5	4-5	4-5	5	5	5	Saliva (DIN) 耐唾液	3.0%	4-5		
Sea Water 耐海水		3.0%	4B	5	4-5	5	5	5	Hot-Pressing 耐熱壓	3.0%	3-4BD		
Post mercerizing 後絲光		3.0%	2Y		4						Dry 乾	Immediately	4-5
Acid hydrolysis 酸水解		3.0%	4	4	3-4	3	4	3-4	Wet 濕	3.0%	3-4BD		
		3.0%	4B	5	3	3-4	5	4			4-5	Immediately	4-5
Perspiration 耐汗	Acid 酸	3.0%	4B	5	3	3-4	5	4	4-5	4 Hours after	3.0%	4-5	
	Alkali 鹼		4-5	5	4	5	5	5	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	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	Perspiration Light 耐汗日光	Acid	3.0 %	3-4	4-5
		0.3 %	3	3-4		Alkali		3	4
		1.0 %	3-4	4					
		3.0 %	4	4-5					
		6.0 %	4	4-5					

浴比依存性 Dependency on Liquor ratio



鹼依存性 Dependency on alkali

