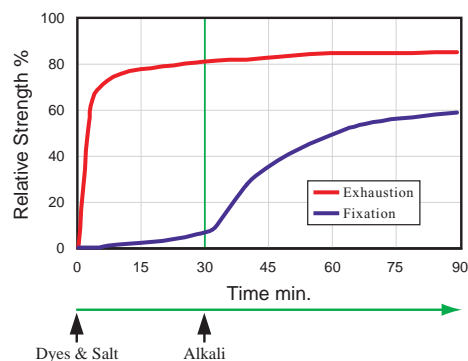


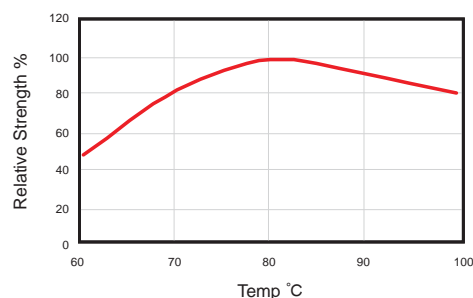
Dyeing Properties 特性

Characteristics		Evaluation
Reactivity 反應性		II
Substantivity 親和性		A
Migration 移染性		4-5
Washing off 洗淨性		2-3
Solubility g/l 溶解度	50°C Water	140
	50°C Water+50 g/l Salt	140
High temp. Dyeing 高溫染色性	Dyed fabric 色布	3-4
	Dye Liquor 染浴	3-4
Color constancy 色恆性	Tungsten Lamp	R
	TL 84 Lamp	Y
Metallic ions 金屬離子	Fe ⁺⁺ 鐵	4-5Y
	Cu ⁺⁺ 銅	3-4B
Resin finishing 樹脂加工	Melamine 三聚氰胺	4BD
	Glyoxal 乙二醛	4B
Shade change after fixing treatment 固色後變色性	Polyamide 聚乙醯胺	4BD
	Quaternary ammonium salt 四級胺鹽	4-5B

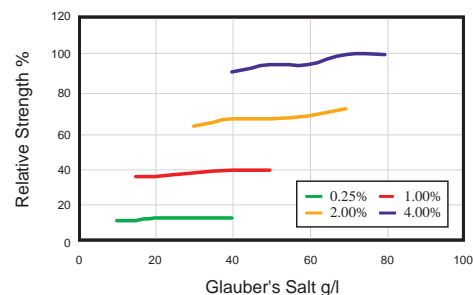
吸盡固著曲線 Exhaustion & Fixation



溫度依存性 Dependency on temperature



芒硝依存性 Dependency on Glauber's salt



Evercion Red H-E3B



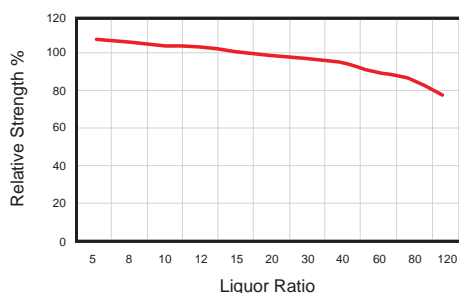
Fastness before fixing treatment 固色前牢度表

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

浴比依存性 Dependency on Liquor ratio



鹼依存性 Dependency on alkali

