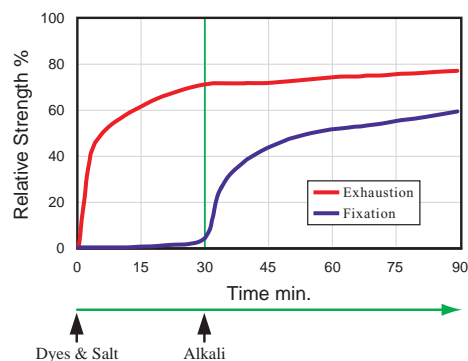


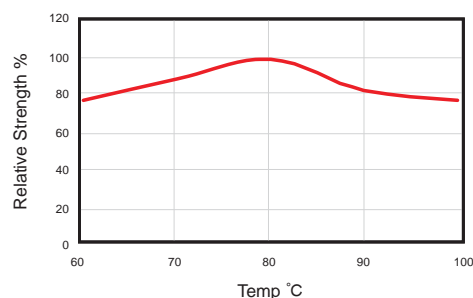
Dyeing Properties 特性

Characteristics		Evaluation
Reactivity 反應性		II
Substantivity 親和性		A
Migration 移染性		5
Washing off 洗淨性		3-4
Solubility g/l 溶解度	50°C Water	50
	50°C Water+50 g/l Salt	10 ↓
High temp. Dyeing 高溫染色性	Dyed fabric 色布	4-5
	Dye Liquor 染浴	4-5
Color constancy 色恆性	Tungsten Lamp	B
	TL 84 Lamp	B
Metallic ions 金屬離子	Fe ⁺⁺ 鐵	4-5
	Cu ⁺⁺ 銅	4RD
Resin finishing 樹脂加工	Melamine 三聚氰胺	4-5G
	Glyoxal 乙二醛	5
Shade change after fixing treatment 固色後變色性	Polyamide 聚乙醯胺	4-5G
	Quaternary ammonium salt 四級胺鹽	5

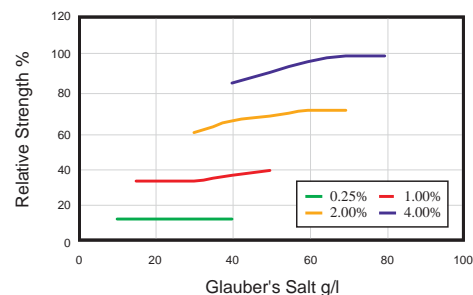
吸盡固著曲線 Exhaustion & Fixation



溫度依存性 Dependency on temperature



芒硝依存性 Dependency on Glauber's salt



Evercion Yellow H-E4G

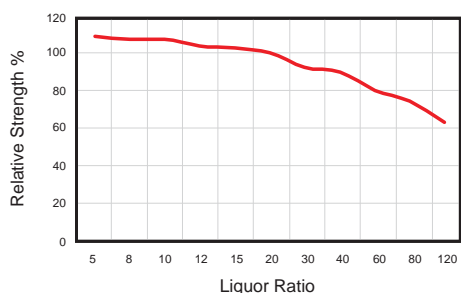
Fastness before fixing treatment 固色前牢度表

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

浴比依存性 Dependency on Liquor ratio



鹼依存性 Dependency on alkali

