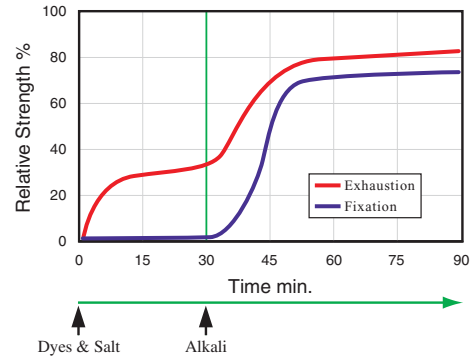


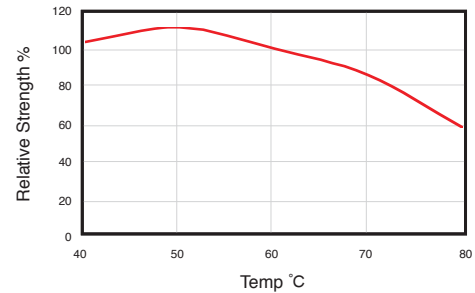
Dyeing Properties 特性

Characteristics		Evaluation
Reactivity 反應性		II
Substantivity 親和性		C
Migration 移染性		4
Washing off 洗淨性		4-5
Solubility g/l 溶解度	50°C Water	150
	50°C Water+50 g/l Salt	150
High temp. Dyeing 高溫染色性	Dyed fabric 色布	4
	Dye Liquor 染浴	3-4
Color constancy 色恆性	Tungsten Lamp	Y
	TL 84 Lamp	Y
Metallic ions 金屬離子	Fe ⁺⁺ 鐵	4
	Cu ⁺⁺ 銅	2-3
Resin finishing 樹脂加工	Melamine 三聚氰胺	3-4
	Glyoxal 乙二醛	5
Shade change after fixing treatment 固色後變色性	Polyamide 聚乙醯胺	5
	Quaternary ammonium salt 四級胺鹽	5
Stripping 脫色性	(1)	1-2
	(2)	1(R)
	(3)	1(Y)
	(4)	1(R)
Discharge ability 拔染性	Neutral 中性	3-4
	Alkaline 鹼性	4

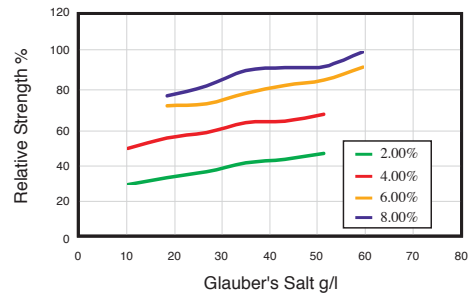
吸盡固著曲線 Exhaustion & Fixation



溫度依存性 Dependency on temperature



芒硝依存性 Dependency on Glauber's salt



Everzol Black ED-G

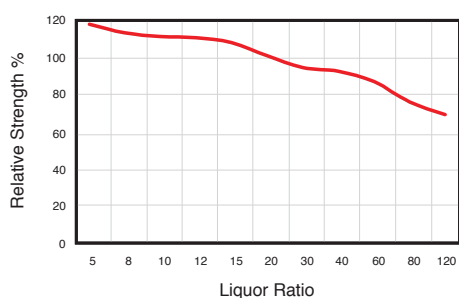
Fastness before fixing treatment 固色前牢度表

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	6.0%	4-5	5	4-5	5	5	5	5	Chlorinated Water耐氯水(20ppm)	6.0%	3-4	
	ISO C03		4-5	5	4-5	5	5	5	Peroxide Bleaching雙氧水漂白	5			
	ISO C04		6.0%	4-5	5	4	5	5	5	Rubbing 耐摩擦	Dry 乾	6.0%	5
	ISO C06-C1S			4-5	5	4	5	5	5		Wet 濕	2-3	
	ISO C06-C2S		4-5	5	4-5	5	5	5	5	M&S C9A 擬溼日光 (detergent Light)		1.0%	4-5
	M&S C4A		4-5	5	5	5	5	5	5			6.0%	5
Water 耐水		6.0%	4-5	5	5	5	5	5	M&S C10A (UK-TO)		6.0%	4-5	
Hot Water 耐熱水		6.0%	4-5	5	5	4-5	5	5	Saliva (DIN) 耐唾液		6.0%	5	
Sea Water 耐海水		6.0%	4-5	5	5	5	5	5	Hot- Pressing 耐熱壓	Dry 乾	Immediately	6.0%	4
Post mercerizing 後絲光		6.0%	3-4R		3-4					4 Hours after	4-5		
Acid hydrolysis 酸水解		6.0%	4-5	5	5	5	5	5		Wet 濕	Immediately	6.0%	3-4
Perspiration 耐汗		6.0%	4-5	5	5	5	5	5	4 Hours after	4			
				4-5	5	5	5	5	5	Dry cleaning 耐乾洗		6.0%	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		0.3 %	*	*	Perspiration Light 耐汗日光	Acid Alkali	6.0 %	3-4	5
		1.0 %	3	4				3	4-5
		3.0 %	4	5					
		6.0 %	4-5	6					
		8.0 %	5	6					

浴比依存性 Dependency on Liquor ratio



鹼依存性 Dependency on alkali

