



SUPPLEMENTARY DYES(普通系列)

产品名称 Product Name	布样 Shade	染色深度 O.W.F.(%)	染料分类 Classification	染色性能 Application				牢度 Fastness				适用范围 PH Range
				高温高压 HTHP	热熔 Thermosol	印花 Printing	载体 Carrier	日晒 Light	洗涤 Washing	升华 Sublimation	摩擦度 Rubbing (Dry/Wet)	
Yellow SE-FL 100%		1.0	SE	●	○	○	○	7	5	3-4	4-5/5	4-9
Yellow H/4GL 100%		0.5	S	●	○	○	○	6-7	5	5	5	3-7
Brill.Yellow SE-6GLN 100%		1.0	SE	●	●	●	●	7	4	4-5	4-5	3-7
Brill.Yellow 6GSL 200%		1.0	S	●	●	●	●	7	5	4-5	4-5	4-9
Brill.Yellow SGR 200%		0.5	SE	●	○	○	○	7	5	3-4	4-5/5	4-9
Brill.Yellow C-5C 200%		1.0	SE	●	●	●	●	6-7	5	4-5	5/5	4-6
Brill.Yellow SE/4GL 300%		1.0	SE	●	●	●	●	6-7	4	4	5/5	3-6
Yellow 5GL 200%		1.0	S	●	●	●	○	6-7	5	4-5	5/5	4-9
Yellow D-7G 200%		1.0	SE	●	●	●	○	6-7	5	5	4-5	4-9
Yellow 4G 200%		1.0	SE	●	●	○	○	6	4-5	4-5	5	4-7
Yellow 3GE 200%		1.0	E	●	○	○	○	6-7	5	2	4-5/5	4-7
Yellow 3G 200%		1.0	E	●	○	○	●	7	5	3-4/4	4-5/5	4-7
Brill.Yellow S6GL 200%		1.0	S	●	○	○	○	6-7	5	4-5	5	4-9
Yellow S-G 200%		1.0	S	●	●	○	●	6	5	3-4	4	4-8



SUPPLEMENTARY DYES(普通系列)

产品名称 Product Name	布样 Shade	染色深度 O.W.F.(%)	染料分类 Classification	染色性能 Application				牢度 Fastness				适用范围 PH Range
				高温高压 HTHP	热熔 Thermosol	印花 Printing	载体 Carrier	日晒 Light	洗涤 Washing	升华 Sublimation	摩擦度 Rubbing (Dry/Wet)	
Orange H/GL 100%		1.0	S	◎	△	△	△	4	3	4	5	4-9
Yellow SE/RL 300%		0.5	SE	◎	○	◎	○	6	4-5	4-5	5	4-7
Yellow SE/RGFL 300%		0.5	SE	◎	○	○	○	5-6	4	4	4-5	3-6
Yellow SE/4RL 200%		1.0	SE	◎	○	○	○	6	4-5	4-5	4	3-7
Yellow 3R-1 200%		1.0	SE	◎	○	○	○	6	4-5	4-5	4	3-7
Yellow 3R 200%		1.0	SE	◎	○	○	○	6	4-5	4-5	4-5	3-7
Yellow ERGFL 200%		1.0	E	◎	○	○	○	4-5	4	4	4-5	3-7
Orange 4R 100%		1.0	S	◎	◎	◎	○	4-5	3-4	4	4/4-5	3-8
Orange E/RL 200%		1.0	E	◎	○	○	○	6	4-5	3	5	4-9
Orange SE-RBL 200%		1.0	SE	◎	△	△	◎	6-7	4	3-4	4	4-9
Orange 2G-FS 200%		1.0	SE	◎	○	◎	×	6	4	4	4	3-8
Red 3GE 200%		1.0	SE	◎	×	×	○	4	3	4	4-5/5	4-7
Brilliant Pink 2GLA 200%		1.0	SE	◎	◎	◎	×	7	4-4	4-5	5	4-7
Red CBN 100%		1.0	S	◎	◎	◎	×	6	5	5	5	4-7



SUPPLEMENTARY DYES(普通系列)

产品名称 Product Name	布样 Shade	染色深度 O.W.F.(%)	染料分类 Classification	染色性能 Application				牢度 Fastness				适用范围 PH Range
				高温高压 HTHP	热熔 Thermosol	印花 Printing	载体 Carrier	日晒 Light	洗涤 Washing	升华 Sublimation	摩擦度 (Dry/Wet) Rubbing	
Brilliant Red BEL 200%		1.0	S	◎	◎	◎	△	4-5	3	4-5	4-5/5	4-8
Red FB 200%		1.0	E	◎	×	×	◎	6	5	2-3	5/4	4-9
Red HW-BF 200%		1.0	s	◎	◎	◎	△	6-7	5	5	4-5	4-7
Scarlet GS 200%		1.0	SE	◎	×	×	○	3-4	3	4	4/4-5	4-9
Red B 200%		1.0	E	◎	○	○	○	4-5	4-5	4	5	4-7
Red E-R 200%		1.0	E	◎	×	×	○	4	5	4	4-5	4-9
Red BS 200%		1.0	S	◎	◎	◎	×	4	3	4	4-5/5	4-9
Red F-3BS 150%		0.5	SE	◎	◎	◎	×	4-5	4-5	4-5	5	4-9
Red SE/2BL 150%		1.0	SE	◎	○	○	×	6-7	5	5	5	3-8
Red 2GFL 200%		1.0	S	◎	◎	◎	×	4	2-3	4-5	4/4-5	4-6
Red BLS 200%		1.0	S	◎	◎	◎	△	7	3-4	4-5	4/5	4-6
Red 2B 200%		1.0	E	◎	○	○	×	6	5	5	4-5/5	4-6
Red 3B 200%		1.0	SE	◎	○	○	×	4-5	3	4	4/5	4-6
Violet HFRL 150%		1.0	SE	◎	○	○	×	4	3	3	4-5/5	4-9



SUPPLEMENTARY DYES(普通系列)

产品名称 Product Name	布样 Shade	染色深度 O.W.F.(%)	染料分类 Classification	染色性能 Application				牢度 Fastness				适用范围 PH Range
				高温高压 HTHP	热熔 Thermosol	印花 Printing	载体 Carrier	日晒 Light	洗涤 Washing	升华 Sublimation	摩擦度 Rubbing (Dry/Wet)	
Violet 2RL 200%		1.0	E	◎	×	×	○	4	3	2-3	4-5/5	4-9
Violet BL 200%		1.0	SE	◎	◎	◎	○	7	5	4-5	5	4-8
Violet 3RL 200%		1.0	SE	◎	○	○	×	3-4	2-3	3	5	4-9
Violet CB 200%		1.0	SE	◎	○	○	△	5-6	3-4	4	5/5	3-6
Green 6B 200%		1.0	SE	◎	○	◎	○	6	3-4	3-4	4/5	3-7
Turquoise S-GL 200%		1.0	S	◎	○	○	△	5	4	3-4	4-5/5	4-9
Blue BF 200%		1.0	S	◎	◎	◎	○	6-7	5	4-5	4-5/5	4-8
Blue 2BLN 150%		1.0	E	◎	△	△	◎	6-7	4	3	4-5	3-9
Brilliant Blue S-R 300%		1.0	S	◎	○	○	×	2-3	5	4	5	4-6
Blue 2R 200%		1.0	SE	◎	◎	◎	△	4-5	3-4	4	5	4-9
Blue BBLS 200%		1.0	S	◎	○	○	×	5	3	4-5	4-5	4-9
Blue S-3RF 200%		1.0	S	○	△	△	○	6	5	4-5	4-5	3-7
Navy Eco 300%		2.0	SE	◎	△	△	○	4-5	3-4	3-4	3-4	3-9
Black Eco 300%		4.0	SE	◎	△	△	○	4-5	3-4	3-4	3-4	3-9



BRILLIANT/FLUORESCENCE DYES (荧光系列)

产品名称 Product Name	布样 Shade	染色深度 O.W.F.(%)	染料分类 Classification	染色性能 Application				牢度 Fastness				适用范围 PH Range
				高温高压 HTHP	热熔 Thermosol	印花 Printing	载体 Carrier	日晒 Light	洗涤 Washing	升华 Sublimation	摩擦度 Rubbing (Dry/Wet)	
Yellow 10GN 400%		1.0	S	⊙	○	○	×	3-4	3	4	5/4-5	4-6
Yellow 8GFF 100%		1.0	SE	⊙	×	○	×	3-4	2-3	4	4-5/5	4-6
Yellow II 100%		1.0	E	⊙	×	○	×	4	3-4	4	5	4-6
Orange 2RF 100%		1.0	S	⊙	○	⊙	○	6	5	5	5	4-6
Orange 2GFL 100%		1.0	SE	⊙	○	○	○	4	4	3-4	4-5	4-6
Red G 100%		1.0	S	⊙	○	○	×	3-4	3-4	4-5	4-5/5	4-6
Pink BG 100%		1.0	S	⊙	○	○	×	3-4	4	4-5	4/4-5	4-6
Red 5B 100%		1.0	E	⊙	×	×	○	4-5	4	3	4-5/5	4-6
Pink FBS 100%		1.0	S	⊙	○	○	○	5-6	4	4	4-5	4-6
Green 5G 100%		1.0	S	⊙	○	○	×	5	4-5	4-5	5	4-6
Blue S-R 300%		1.0	S	⊙	○	○	×	4	4-5	4	4-5	4-6



BRILLIANT/FLUORESCENCE DYES (荧光系列)

产品名称 Product Name	布样 Shade	染色深度 O.W.F.(%)	染料分类 Classification	染色性能 Application				牢度 Fastness				适用范围 PH Range
				高温高压 HTHP	热熔 Thermosol	印花 Printing	载体 Carrier	日晒 Light	洗涤 Washing	升华 Sublimation	摩擦度 Rubbing (Dry/Wet)	
Brilliant Green 6G 100%		1.0	S	◎	○	○	×	3-4	3-4	4	4	4-6
Orange 2GN 100%		1.0	SE	◎	○	○	○	4	4	3-4	---	4-6
Orange S-G 200%		1.0	S	◎	○	◎	×	3-4	4	3-4	4	4-6
Red B 100%		1.0	S	◎	○	○	○	3	3-4	3-4	4	4-6
Light Pink 4BS 100%		1.0	S	◎	○	◎	×	3-4	4	4-5	4	4-6
Rose 5BS 100%		1.0	S	◎	○	◎	×	3	4-5	4-5	4-5	4-6
Pink 5B 100%		1.0	S	◎	○	◎	○	3	5	5	5	4-6
Violet 3R 200%		1.0	SE	◎	○	○	○	3	4-5	4-5	4-5	4-6
Violet BN 100%		1.0	S	◎	○	○	○	3	4-5	4-5	4-5	4-6
Cyanine B 200%		1.0	S	◎	○	○	○	3	4-5	4-5	4-5	4-6



SPECIAL DYES(特殊系列)

产品名称 Product Name	布样 Shade	染色深度 O.W.F(%)	染料分类 Classification	染色性能 Application				牢度 Fastness				适用范围 PH Range
				高温高压 HTHP	热熔 Thermosol	印花 Printing	载体 Carrier	日晒 Light	洗涤 Washing	升华 Sublimation	摩擦度 Rubbing (Dry/Wet)	
Yellow 4GN 200% 黄 4GN		1.0	SE	⊙	○	○	○	6-7	5	3-4	4-5	4-6
Yellow 3GN 200% 黄 3GN		1.0	SE	⊙	⊙	○	○	6	4-5	4-5	5	4-7
Yellow ERGFL-2 200% 黄 ERGFL-2		1.0	SE	⊙	○	○	○	6	4-5	3-4	5	4-8
Yellow E-RN 200% 黄 E-RN		1.0	SE	⊙	○	○	○	4-5	4	4	4-5	3-9
Orange 3RN 200% 橙 3RN		1.0	SE	⊙	○	○	×	5-6	4-5	4	4-5	3-9
Orange 4RLN 150% 橙 4RLN		1.0	SE	⊙	○	○	×	5-6	4-5	4	4-5	4-8
Brown 2BL 100% 棕 2BL		1.0	S	⊙	⊙	○	×	5	4	4-5	4-5	4-6
Red 3BN 150% 红 3BN		1.0	SE	⊙	○	○	×	5	4	4	4-5	4-11
Bule 2BS 100% 蓝 2BS		1.0	SE	⊙	○	○	×	4-5	4	4-5	4-5	4-8
Bule 2B 200% 蓝 2B		1.0	SE	⊙	⊙	⊙	△	6	4-5	4-5	4-5/5	4-10
Bule 2BLN 300% 蓝 2BLN		1.0	SE	⊙	○	○	×	4-5	4	4-5	4-5	4-8
Bule S-GLN 200% 翠蓝 S-GLN		1.0	S	⊙	○	○	○	3-4	5	5	4-5	4-7
Bule SY-ES 200% 翠蓝 SY-ES		1.0	S	⊙	○	○	×	3	5	4	5	4-6
Gray M 100% 灰 M		1.0	SE	⊙	○	○	×	5-6	4-5	4-5	4	4-8



分散高日晒系列

产品名称 Product Name	布样 Shade	染料标准深度 1/1Standard depth as illustrated(%)	酸碱稳定值 PH stability	日晒牢度 1/1 S.D.(Xenon)/ Fastness to light	日晒牢度 1/3 S.D.(Xenon) Fastness to light	DIN 75202/PV 1303/ GME60292	SAE J 1885(488Kj/m)	PSA D471431(200h)	JASO M346-93(200h)	推荐用于GMW3414标准 Recommendation for GMW 3414	升华牢度 Sublimation 180°C 30s	匀染性 Level uptake
YELLOW SY-HL 100% 黄SY-HL		2.40	3-8	7	7	3-4	2-3	3	3	—	4	3
YELLOW SY-HLG 150% 金黄SY-HLG		1.90	3-9	>7	>7	4-5	4-5	5	5	—	4-5	3
YELLOW SY-HLR 150% 金黄SY-HLR		1.90	3-9	>7	>7	4-5	4-5	5	5	—	4-5	3
ORANGE SY-HL 200% 橙SY-HL		2.00	3-9	6-7	6-7	4	3	3-4	3-4	—	4-5	3
RED SY-HL 200% 桃红SY-HL		2.00	3-9	7	7	3-4	4-5	4	4-5	—	4-5	3
RED SY-HL 200% 红SY-HL		2.00	3-9	7	7	3-4	4-5	4	4-5	—	4-5	3
VIOLET SY-HL 200% 紫SY-HL		2.00	3-9	7	7	3-4	4-5	4	4-5	—	4-5	3
TURQUOISE SY-HLG 200% 翠兰SY-HLG		2.00	3-9	>7	>7	4-5	4	4-5	4-5	—	3-4	3
TURQUOISE SY-HLB 200% 翠兰SY-HLB		2.00	3-9	>7	>7	4-5	4	4-5	4-5	—	3-4	3
BLUE SY-HLB 200% 蓝SY-HLB		2.10	4-7	>7	>7	3	3	4	4-5	—	4-5	3
BLUE SY-HL2G 200% 蓝SY-HL2G		1.50	3-8	>7	7	3-4	4-5	4-5	4-5	◎	4-5	3
BLUE SY-HLR 200% 蓝SY-HLR		2.90	3-8	>7	>7	4-5	4	4-5	4-5	○	4	3
NAVY BLUE SY-HL 200% 深蓝SY-HL		4.00	4-6	7	—	3-4	3	3-4	4	—	3-4	3
BLACK SY-HL 300% 黑SY-HL		4.00	3-9	>7	>7	4-5	4	4-5	4-5	—	4	3



分散高日晒系列

产品名称 Product Name	布样 Shade	染料标准深度 1/Standard depth as illustrated(%)	酸碱稳定值 PH stability	日晒半度 1/15 D(Xenon)/ Fastness to light	日晒半度 1/3 S,D(Xenon)/ Fastness to light	DIN 75202/PV 1303/ GM60292	SAE I 1885(488KJ/m ²)	PSA D47 1431(200h)	JASO M3+6-93(200h)	推荐用于GM3414标准 Recommendation for GMW 3414	升华牢度 Sublimation 180°C 30s	匀染性 Level uptake
YELLOW SY-HL 100% 黄SY-HL		2.40	3-8	7	7	3-4	2-3	3	3	-	4	3
YELLOW SY-HLG 150% 金黄SY-HLG		1.90	3-9	>7	>7	4-5	4-5	5	5	-	4-5	3
YELLOW SY-HLR 150% 金黄SY-HLR		1.90	3-9	>7	>7	4-5	4-5	5	5	-	4-5	3
ORANGE SY-HL 200% 橙SY-HL		2.00	3-9	6-7	6-7	4	3	3-4	3-4	-	4-5	3
RED SY-HL 200% 桃红SY-HL		2.00	3-9	7	7	3-4	4-5	4	4-5	-	4-5	3
RED SY-HL 200% 红SY-HL		2.00	3-9	7	7	3-4	4-5	4	4-5	-	4-5	3
VIOLET SY-HL 200% 紫SY-HL		2.00	3-9	7	7	3-4	4-5	4	4-5	-	4-5	3
TURQUOISE SY-HLG 200% 翠兰SY-HLG		2.00	3-9	>7	>7	4-5	4	4-5	4-5	-	3-4	3
TURQUOISE SY-HLB 200% 翠兰SY-HLB		2.00	3-9	>7	>7	4-5	4	4-5	4-5	-	3-4	3
BLUE SY-HLB 200% 蓝SY-HLB		2.10	4-7	>7	>7	3	3	4	4-5	-	4-5	3
BLUE SY-HL2G 200% 蓝SY-HL2G		1.50	3-8	>7	7	3-4	4-5	4-5	4-5	◎	4-5	3
BLUE SY-HLR 200% 蓝SY-HLR		2.90	3-8	>7	>7	4-5	4	4-5	4-5	○	4	3
NAVY BLUE SY-HL 200% 深蓝SY-HL		4.00	4-6	7	-	3-4	3	3-4	4	-	3-4	3
BLACK SY-HL 300% 黑SY-HL		4.00	3-9	>7	>7	4-5	4	4-5	4-5	-	4	3



DISPERSE HIGH LIGHT FASTNESS

对金属离子敏感性 (Cu/Fe)	条花遮盖性 Barrel coverage	热溶染色 (适宜温度) Thermofixation (optimum temp. °C)	高温一纱, 毛条 PES yarn, tops	高温一布 PES piece	印花/高温汽蒸法 Printing/HTS fixation	印花/高压汽蒸法 Printing/PS fixation	碱性染色 Alkaline Dyeing	家具用布 Home furnishings
5/5	◎	210	◎	◎	○	◎	-	◎
5/5	○	210	◎	◎	○	◎	3	◎
5/5	○	210	◎	◎	○	◎	3	◎
5/5	◎	210	◎	◎	○	◎	3	◎
5/5	○	210	◎	◎	○	◎	3	◎
5/5	○	210	◎	◎	○	◎	3	◎
5/5	○	210	◎	◎	○	◎	3	◎
5/5	◎	210	○	◎	○	◎	3	◎
5/5	◎	210	○	◎	○	◎	3	◎
1-2/4	◎	210	◎	◎	○	◎	-	◎
2/3	◎	210	◎	◎	○	◎	2	◎
	◎	210	◎	◎	○	◎	2	◎
	○	210	○	◎	○	◎	-	◎
	◎	210	◎	◎	○	◎	2	◎



分散高水洗系列

产品名称 Product Name	布样 Shade	染色深度 O.W.F(%)	水洗牢度 Washing				
			ISO 105 C03	AATCC 61 2A	JIS L 0844 A2	酸 Acidity	碱 Alkalinity
YELLOW SY-HP 黄 SY-HP		1.0	4-5	4	4	4-5	4-5
GOLD YELLOW SY-HP 金黄 SY-HP		1.0	4-5	4-5	4-5	4-5	4-5
YELLOW BROWN SY-HP 黄棕 SY-HP		1.0	4-5	4-5	4-5	4-5	4-5
ROSE RED SY-HP 玫红 SY-HP		1.0	4-5	4-5	4-5	4-5	4-5
RUBINE SY-HP 红玉 SY-HP		1.0	4-5	4-5	4-5	4-5	4-5
SCARLET SY-HP 大红 SY-HP		1.0	4-5	4-5	4-5	4-5	4-5
VIOLET SY-HP 紫 SY-HP		1.0	4-5	4-5	4-5	4-5	4-5
BLUE SY-HP 蓝 SY-HP		1.0	4-5	4-5	4-5	4-5	4-5
NAVY BLUE SY-HP 深蓝 SY-HP		1.0	4-5	4-5	4-5	4-5	4-5
NAVY BLUE SY-HE 深蓝 SY-HE		1.0	4-5	4-5	4-5	4-5	4-5
NAVY BLUE SY-HF 深蓝 SY-HF		1.0	4-5	4-5	4-5	4-5	4-5
BLACK SY-HP 黑 SY-HP		2.0	4-5	4-5	4-5	4-5	4-5
BLACK SY-GS 黑 SY-GS		2.0	4	4	4	4-5	4-5
BALCK SY-HPL 黑 SY-HPL		2.0	4	4	4	4-5	4-5



DISPERSE HIGH WASHING FASTNESS

Testing Standard: BS EN ISO 105-E04:2013 (欧标)												Sublimation 升华牢度	PH Range 适用范围	
耐汗渍 Perspiration														
酸 Acidity						碱 Alkalinity								
醋 CA	棉 CO	锦 PA	涤 PES	腈 PAC	羊 WO	醋 CA	棉 CO	锦 PA	涤 PES	腈 PAC	羊 WO			
4-5	4-5	4	4-5	4-5	4-5	4-5	4-5	4	4-5	4-5	4-5	4-5	4-5	4-9
4	4-5	4	4	4-5	4-5	4	4	3-4	4	3-4	4	4-5	3-7	
4	4-5	4	4	4-5	4-5	4-5	4-5	4	4-5	4-5	4-5	4-5	4-8	
4-5	4-5	4	4	4-5	4-5	4-5	4-5	4-5	4-5	4-5	4-5	5	4-7	
3	4	3	3-4	4	4	3	4	3	3-4	4	4	4	4-8	
4-5	4-5	4-5	4-5	4-5	4-5	4-5	4-5	4-5	4-5	4-5	4-5	5	4-7	
4-5	4-5	4-5	4-5	4-5	4-5	4-5	4-5	4-5	4-5	4-5	4-5	4-5	4-8	
4-5	4-5	4	4-5	4-5	4-5	4-5	4-5	4	4	4-5	4-5	4-5	4-8	
4-5	4-5	4	4-5	4-5	4-5	4-5	4-5	4	4	4-5	4-5	4-5	4-8	
4-5	4-5	4	4-5	4-5	4-5	4-5	4-5	4	4-5	4-5	4-5	4-5	4-8	
4-5	4-5	4	4-5	4-5	4-5	4-5	4-5	4	4-5	4-5	4-5	4-5	4-8	
4-5	4-5	4	4	4-5	4-5	4-5	4-5	4	4-5	4-5	4-5	4-5	4-8	



PRINTING DYES(印花系列)

产品名称 Product Name	布样 Shade	染色深度 O.W.F.(%)	染料分类 Classification	染色性能 Application				牢度 Fastness				适用范围 PH Range
				高温高压 HTHP	热熔 Thermosol	印花 Printing	载体 Carrier	日晒 Light	洗涤 Washing	升华 Sublimation	摩擦 Rubbing (Dry/Wet)	
Yellow PD-SGN 200%		1.0	S	◎	◎	○	◎	6	5	3-4	4	4-8
Yellow P-6GLS 200%		1.0	S	◎	◎	◎	◎	7	5	4-5	5/4-5	4-9
Red P-BEL 200%		1.0	S	◎	◎	◎	△	4-5	3	4-5	5/4-5	4-8
Red P-F3BS 150%		1.0	SE	◎	◎	◎	×	4-5	4-5	4-5	5	4-9
Red PD-BSN 200%		1.0	S	◎	◎	◎	×	4	3	4	4-5/5	4-9
Violet P-HFRL 150%		1.0	SE	◎	○	○	×	4	3	3	4-5/5	4-9
Violet P-CBN 200%		1.0	SE	◎	○	○	△	5-6	3-4	4	5/5	3-6
Violet P-3RL 200%		1.0	SE	◎	○	○	×	3-4	2-3	3	5	4-9
Blue P-BFN 200%		1.0	S	◎	◎	◎	○	6-7	5	4-5	4-5/5	3-8
Blue PD-BRN 200%		1.0	SE	◎	◎	◎	△	4-5	3-4	4	5	4-9
Blue P-BBLS 200%		1.0	S	◎	○	○	×	5	3	4-5	4-5	4-9



涤纶产品的染整工艺

涤坯布准备→退浆、精练→预定形→碱减量→染色(或印花)→热定形→后整理

退浆、精练

目的:去除纤维上的油剂、浆剂以及纺织过程中沾附的油污等杂质:

工艺	净洗剂	0.25g/L
	纯碱	2g/L
	烧碱	(33° Be°) 2g/L
	保险粉	1g/L
	浴比	1:10
	温度	80°C
	间时	20分钟

预定形:

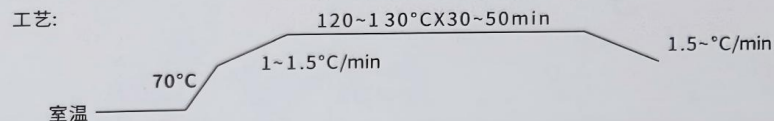
目的:有利于保持织物尺寸稳定性和手感柔软,而且还会对染色产生积极的影响;织物的防皱性、尺寸稳定性以及回弹性很大程度上取决于织物被定型的程度,预定型还是决定产品最终风格的关键性工序之一。

预定型温度过低,布面皱痕不易去尽,织物抗皱性较差。门幅不稳定;温度过高则布面发硬,影响其后续工序加工的难度。

工艺	温度	180-210°C
	间时	30-45秒
	经向超喂	10%左右

碱减量:

目的:碱减量是使织物在高温浓碱的情况下,纤维分子发生水解,使其重量减轻,性能变化,织物的交联点产生空隙,纱线间发生相对滑移的摩擦阻力减小,使织物柔软、滑爽富有弹性并改善了吸湿吸汗性。



注:碱减量之后,应对织物进行充分水洗,控制布面PH值接近中性,以免对后续加工造成不良影响。

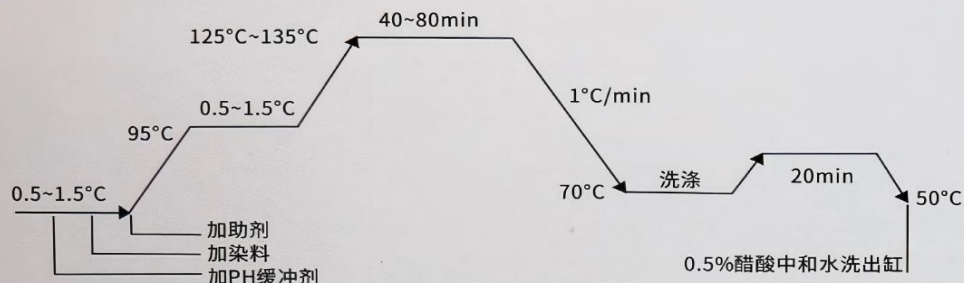
染色:

高温高压:	X%
盛峪分散染料	0.3-0.5g/L(根据水质,软水时可不加)
金属离子螯合物	1-2g/L(一般选用甲基羧酸盐甲磺
高温分散剂	缩合物分散剂MF或木质素磺酸盐)
高温匀染剂	0.1-0.5g/L(一般选用具有螯合、分散匀染
	作用的阴/非复配型表面活性剂)
醋酸/醋酸钠(或硫酸)缓冲剂	调节PH值4.5-5.5

注:分散染料应与高温分散剂混合在一起,温水(40-50C)打浆,搅拌均匀。使其全部溶解并过滤进缸。切不可将热水或者蒸汽直接通入染液中进行溶解,以免造成染料的二次凝聚而产生色点。



还原清洗	氢氧化(100%)	2g/L
	保险粉(85%)	2-3g/L
	合成净洗剂	1-2g/L



热熔染色:

作为连续染色,主要用于涤/棉混纺染色,染色处方如下:

热熔染色:

分散染料	xg/L
防泳移剂(如海藻酸钠)	1-5g/L
润湿剂	1-2g/L
醋酸	PH调节至5-6
轧液温度	20-40°C
轧液率	65~70%
烘干	70~90%

热熔固色:

热熔温度	180~220°C
时间	60~120秒

染后处理:

水洗
还原清洗(同温度高压法)
水洗、干燥

色卡注释:

染色条件

织物:纯涤纶
温度:130°C
浴比:1:40
时间:30分钟
PH值: 4.5

染料类型

S(H): 高温型
SE: 中温型
E: 低温型

适应性

◎:非常适合
○:适合
△:有限
×:不适合

牢度测试

水洗牢度:ISO	105-C03 沾
日晒牢度:ISO	105-B02 Xenon
升华牢度:ISO	105-X11 褪色



Dyeing of Polyester and its Biendes

Loading→Desizing, Scouring→dyeing→Presetting→Weight-reduced Process→Dyeing(or Printing)→Heat-setting→Finishing

Desizing, Scouring

Purpose: Desizing and Scouring are to remove the spinning oil, desizer in the fabric and machine oil stain during the process of spinning.

Recipe:	Detergent	0.25g/L
	Soda Ash	2g/L
	Caustic Soda(33°Be')	2g/L
	Hydros	1g/L
	LR	1:10
	Temperature	80°C
	Time	20分钟mins

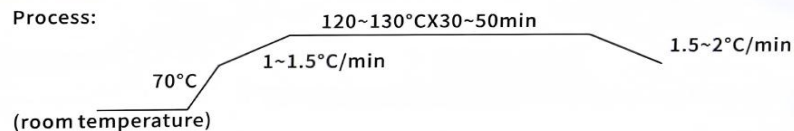
Presetting:

Purpose: Pre-setting is to stabilize the width size and maintain the soft handle of the polyester fabric, thus leading to a higher dyeing performance.

Recipe:	Temperature	180-210°C
	Time	30'-45'
	Over-feeding	Around10%

Weight-polyester Process(Optional):

Purpose: polyester can be weight-reduced to improve the soft handle,elasticity and the performance of absorbing moisture and perspiration under strong caustic condition.



Remark: Completely washing and neutralizing is to recommended to improve the dyeing performance.

Dyeing:

HThP Dyeing:	X%
Shengyulon	0.3-0.5g/L
Sequester	1-2g/L
Dispersant	0.1-0.5g/L
leveller	PH4.5-5.5
HAC /NaAc Buffer	

Remark: Paste the dyestuffs and dispersant with warm water(40-50C)and dilute with cold water, stir completely. Add the solution into dyeing machine through a filter.