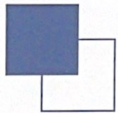


Skythrene[®] Vat Dyes



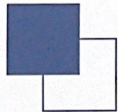
天昆还原染料 Brand Skythrene	Dyeing information 染料信息	Dyeing process Exhaust dyeing recommended 染色推荐	浓度 O.W.F	Light(Xenon) 晒布染色		Hypochlorite Bleaching 次氯酸钠漂白	Preoxide washing 95°C 95°C 预氧化	Mercerizing 晒布染色	Washing 95°C 水洗温度 95°C	Rubbing 摩擦	Hot Pressing 晒布拍法	Perspiration (Acidity) 酸洗	Perspiration (Alkalinity) 碱洗	Coverage of dead cotton 死棉遮盖力	Remark 备注						
色卡 Color Fabric	染色名称 C.I.VAT	浸染 EX		1/1	1/2	CH	CH	CO	CH	CH	CO	Dry	Wet	Im.	4hrs	CH	CO	CH	CO		◇ Dye description
1	Yellow G (Yellow 1)	IN	2%	5	3-4	4-5	4-5	4-5	4-5	3-4	4-5	4-5	3-4 Y	4	4Y	3-4	4-5	3-4	4-5	☆	◇ Oxidation is difficult
2	Yellow GCN (Yellow 2)	IN	2%	4	3	5	4-5	5	4-5	4	4-5	4-5	4	4B	4-5	4-5	4-5	4	4-5	☆☆	◇ Liable to accelerate fibre tendering on expouser to light
3	Yellow F3GC (Yellow 33)	IN	2%	4	3	5	4-5	5	4-5	4	4-5	4-5	4	4B	4-5	4-5	4-5	4	4-5	☆☆	◇ Liable to accelerate fibre tendering on expouser to light
4	Yellow 5GF (Yellow 46)	IW	2%	4	3	5	4-5	5	4-5	4	4-5	4-5	4	4B	4-5	4-5	4-5	4	4-5	☆☆	◇ Liable to accelerate fibre tendering on expouser to light
5	Orange RK (Orange 1)	IN	2%	4	3	5	4-5	5	4-5	4	4-5	4-5	4	4B	4-5	4-5	4-5	4	4-5	▽	◇ Liable to accelerate fibre tendering on expouser to light
6	Orange GR (Orange 7)	IN SP	2%	4	3	5	4-5	5	4-5	4	4-5	4-5	4	4B	4-5	4-5	4-5	4	4-5	▽	◇ Liable to accelerate fibre tendering on expouser to light
7	Orange 3G (Orange 15)	IN	2%	4	3	5	4-5	5	4-5	4	4-5	4-5	4	4B	4-5	4-5	4-5	4	4-5	▽	◇ Liable to accelerate fibre tendering on expouser to light
8	Pink R (Red 1)	SP	2%	5-6	3-4	4-5	4-5	5	4Y	4-5	4-5	4-5	4	4-5	5	4-5	4-5	4-5	4-5	▽	◇ Usually used in printing and yarn dyeing
9	Red F2B (Red 10)	IN	2%	4	3	5	4-5	5	4-5	4	4-5	4-5	4	4B	4-5	4-5	4-5	4	4-5	▽	◇ Liable to accelerate fibre tendering on expouser to light
10	Red 6B (Red 13)	IN	2%	4	3	5	4-5	5	4-5	4	4-5	4-5	4	4B	4-5	4-5	4-5	4	4-5	▽	◇ Liable to accelerate fibre tendering on expouser to light



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天昆还原染料 Brand Skythrene	Dyeing information 染料信息	Dyeing process Exhaust dyeing recommended 染色工艺/浓度推荐		Light(Xenon) 耐光牢度		Hypochlorite Bleaching 次氯酸钠漂白 耐漂白牢度			Preoxide washing 95°C 过氧化物洗染 耐洗牢度 95°C			Mercerizing 丝光牢度		Washing 95°C 水洗牢度 95°C		Rubbing 摩擦牢度		Hot Pressing 热压牢度		Perspiration (Acidity) 汗渍牢度(酸性)		Perspiration (Alkalinity) 汗渍牢度(碱性)		Coverage of dead cotton 死棉遮盖力	Remark 备注
色卡 Color Fabric	染色名称 C.I.VAT	浸染 EX	浓度 O.W.F	1/1	1/2	CH	CH	CO	CH	CH	CO	Dry	Wet	Im.	4hr	CH	CO	CH	CO	CH	CO		Dye description		
11	Red F3B (Red 31)	IN	2%	4	3	5	4-5	5	4-5	4	4-5	4-5	4	4B	4-5	4-5	4-5	4	4-5	▽	◇ Liable to accelerate fibre tendering on expouser to light				
12	Violet 2R (Violet 1)	IN	2%	6	4-5	4-5	4-5	5	4	4R	4	4	3	3B	3B	4	4-5	4	4-5	▽	◇ Sensitive to heat and moisture				
13	Violet RRN (Violet 3)	SP	2%	6	4	4-5	4-5	5	3-4Y	4-5	5	4-5	4	4B	4B	4	4-5	4	4-5	▽	◇ Very good general fastness				
14	Blue RSN (Blue 4)	IN	2%	7-8	7	2	4-5	5	3Y	4-5	5	4-5	3-4	4Y	4Y	4	4-5	4	4-5	▽	◇ Easily over reduced				
15	Blue BC (Blue 6)	IN	2%	7-8	7	2-3	4-5	5	4Y	4-5	5	4-5	3-4	4Y	4Y	4	4-5	4	4-5	▽	◇ Similar tone to Vat Blue BC, with economical price				
16	Blue RCL	IN	2%	7-8	7	3-4	4-5	5	4-5	4	4-5	4-5	3-4	4Y	4Y	4-5	4-5	4-5	4-5	☆	◇ The best fastness in blue eries after chlorine bleaching				
17	Blue CLF (Blue 66)	IW	2%	7-8	6-7	4-5	4-5	4-5	4-5	4-5	4-5	4-5	4-5	4-5	4-5	4-5	4-5	4-8	4-5	▽	◇ The best fastness in blue series after chlorine bleaching				
18	Dark BLUE DB	SP	2%	7	6	4	4	5	4-5	4	4-5	4-5	3-4	4	4	4	4-5	4	4-5	☆	◇ Good general fastness				
19	Green FFB (Green 1)	IN	2%	7-8	6	4-5	4-5	5	4-5	4-5	5	4-5	3	3B	4-5	4-5	4-5	4-5	4-5	☆	◇ Good dyeing force and leveling property				
20	Green B (Green 3)	IN	2%	8	7	4	4-5	5	4Y	4-5	5	4-5	3-4	4Y	4-5	4-5	4-5	4-5	4-5	▽	◇ Enough soaping is required to get stable shade				



Skythrene[®] Vat Dyes



天昆还原染料 Brand Skythrene	Dyeing information 染料信息	Dyeing process Exhaust dyeing recommended 染色推荐		Light(Xenon) 耐光牢度		Hypochlorite Bleaching 次氯酸钠漂白			Preoxide washing 95°C 95°C 过氧化物洗涤			Mercerizing 丝光		Washing 95°C 95°C 水洗		Rubbing 摩擦牢度		Hot Pressing 热压牢度		Perspiration (Acidity) 耐酸汗渍牢度		Perspiration (Alkalinity) 耐碱汗渍牢度		Coverage of dead cotton 死棉覆盖率	Remark 备注
色卡 Color Fabric	染色名称 C.I.VAT	浸染 EX	浓度 O.W.F	1/1	1/2	CH	CH	CO	CH	CH	CO	Dry	Wet	Im.	4hr	CH	CO	CH	CO	CH	CO		Dye description		
21	Green 2G (Green 8)	SP	2%	6-7	5	3-4Y	4-5	4-5	4-5	3-4	4-5	3-4	3	4Y	4	4	4-5	4	4-5	4	4-5	▽	◇ Can use K ₂ Cr ₂ O ₇ for oxidation		
22	Green MW (Green 13)	IN	2%	7-8	6	4	4-5	5	4Y	4-5	5	4-5	3-4B	3-4 B	5	4-5	4-5	4-5	4-5	4-5	4-5	☆ ☆	◇ Light color dyeing need to add leveling agent		
23	Brown BR (Brown 1)	IW	2%	7	6	4-5	4-5	5	4Y	4-5	5	4-5	3-4	4-5	4-5	4	4-5	4-5	4-5	4-5	4-5	☆	◇ Normally used brown dye with good fastness and price		
24	Brwon RN (Brown 3)	IW	2%	7	7	4	4	4-5	4	4-5	4-5	4-5	3-4	4	4-5	4	4-5	4-5	4-5	4-5	4-5	▽	◇ Brilliant brown dye with good fastness		
25	Brown GG	IW	2%	7	6	4L	4-5	5	5	4	4-5	4-5	3-4	4B	4-5	4	4-5	4	4-5	4	4-5	☆	◇ Good general fastness		
26	Olive T (Black 25)	IN	4%	8	7	4	4-5	5	4-5	4-5	5	4	3	4Y	5	4-5	4-5	4-5	4-5	4-5	4-5	☆	◇ Normally used olive dye with good fastness and price		
27	Olive R (Black 27)	IW	4%	7	6	4-5	4-5	5	3Y	4-5	5	4-5	4	3-4 R	4	3-4	4-5	3-4	4-5	4-5	4-5	▽	◇ Sensitive to heat and moisture		
28	Grey BG (Black 29)	IN	6%	6-7	5	3L	4-5	5	4R	3-4	4	4	3	3-4 R	4	4-5	4-5	4	4-5	4	4-5	☆	◇ Good general fastness		
29	Black RB (Black 9)	SP	6%	6-7	6	3-4	4-5	4	4-5	4-5	4-5	4-5	3	4-5	4	4	4-5	4	4-5	4	4-5	☆ ☆	◇ Sensitive to non-ionic leveling agent		
30	Black GM (Black 5589)	IN	6%	7	6	4-5	4-5	5	4-5	4	4	4	3	4Y	4	4-5	4-5	4	4-5	4	4-5	☆ ☆	◇ Brilliant tone with high light fastness		