

Dyexcelon SFH













1-Bath 2-Step Dyeing Reactive Dyes

High temperature exhaust dyeing (130°C to 85°C)

ECO firendly

1-Bath 2-Step dyeing system saves water, time and natural resources and features higher efficiency
一浴兩段染色，省水、省時、省資源，高效能

Dyexcelon SHF is finding the possibility of dyeing the T/C blends in one-bath, two-step process. **Dyexcelon SHF** shows level dyeing has good fastness properties and offers the option of cost effective and eco-friendly one-bath dyeing process. This new dyeing process features higher efficiency, better color fastness and lower cost compared with the conventional two-bath, two-step process.

DYEXCEL SFH COLOR FOR ONE BATH TWO STAGES Depth of shade 3.0% (o.w.f.) 染色濃度 3.0%		溶解度 Solubility 80°C (g/L)	耐日光牢度 Fastness to Light	耐水洗牢度 Fastness to Washing	耐摩擦牢度/乾 Fastness to Rubbing / Dry	耐氯牢度 Fastness to Chlorine
Yellow SFH-G		120	4-5	4-5	4-5	4
Yellow SFH-L		100	4	4-5	4-5	4
Yellow SFH		120	4	4	4	4-5
Red SFH-G		100	3-4	4-5	4	4
Red SFH-B		100	4	4-5	4	4
Red SFH		120	3-4	4	4	4
Blue SFH		100	4-5	4-5	4	4
Blue SFH-GN		120	4	4	4	3-4
Blue SFH-R		80	4	4	4	3-4
Navy SFH		100	3-4	4	4	3-4
Turquoise SFH		80	3	3-4	4	3
Black SFH		100	3-4	4	4	3-4

Fastness Test
Light : ISO 105-B02
Rubbing: JIS L-0849 B
Washing: AATCC 61 1986 2A
Chlorine: AATCC 3 1985

Dyeing Condition		
Material	T/C, T/R, CVC	A/R, A/C
Liquor ratio	1:20	1:20
Dyebath pH	4.5-5.5 → ~11.0	4.5-5.5 → ~11.0
Glauber's Salt	10~100 g/L	10~100 g/L
Soda ash	10~30 g/L	10~30 g/L
Temperature and Time	130°C × 40min → 85°C × 60min	100°C × 40min → 85°C × 60min
After treatment	Hot water rinsing and soaping	Hot water rinsing and soaping

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