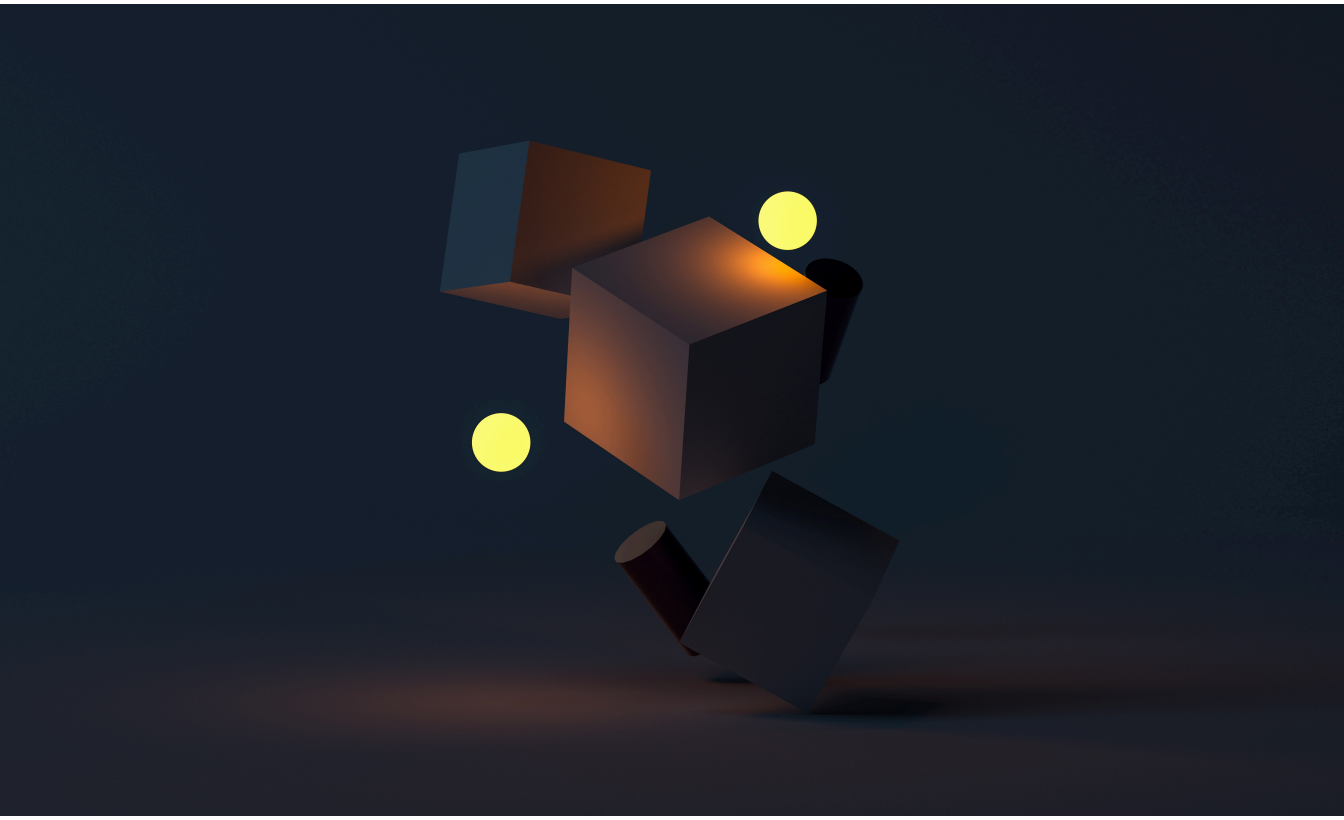
ASAHI DYES AND CHEMICALS 株式会社



ASAHIFIX® SUPRA LF

For High Fastness Performance & Operational Excellence

ASAHIFIX® Supra LF: For high Fastness Performance & Operational excellence

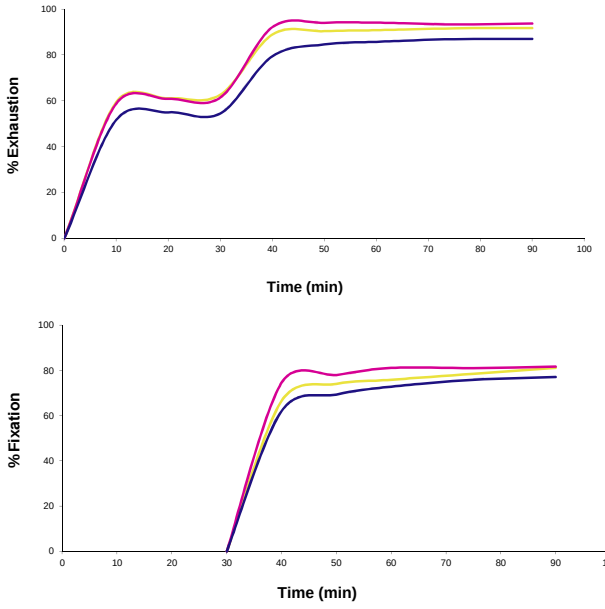
ASAHIFIX® SUPRA LF : Range Positioning

Right-First-Time (RFT) is a challenge for many dye houses specially in the ternary pale-light shade spectrum. The challenge is also associated with poor L2B & B2B reproducibility for these shade areas. ASAHIFIX® Supra LF with it's product engineering and operational excellence offers solution to counter these challenges.

Range Highlights

1. Warm reactive dyes suitable for 60°C dyeing.
2. Excellent Performance in Pale to Deep shades.
3. Very good choice for Trichromatic shades.
4. Better dyeing Chracteristics ensure on-tone colour build-up.
5. Least Photochromism & Thermochromism.
6. Good selection for Light and Perspiration Light Fastness protocols.
7. Very Good Fastness to repeated washing.

Curves of Exhaustion & Fixation



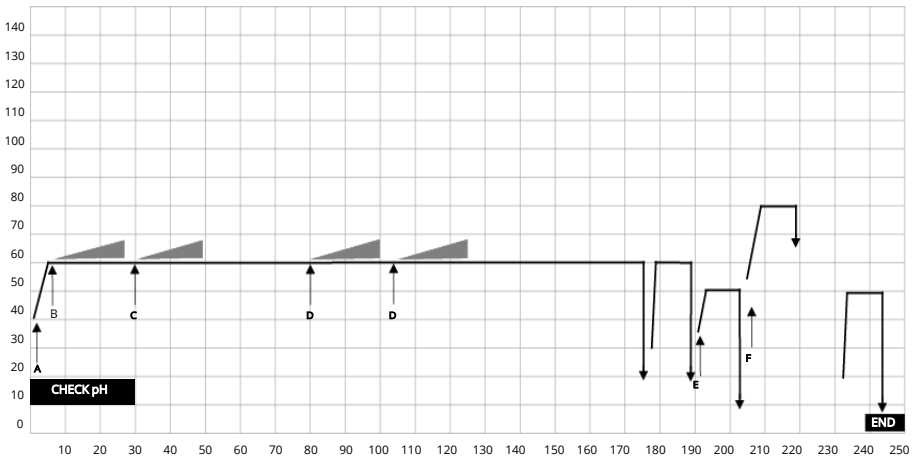
Asahifix® Supra LF Exhaustion Temp :- 60°C		
Dyestuff Depth (% OWM)	Glauber's Salt (g/l)	Soda Ash (g/l)
<0.10	20	12
0.10 - 0.30	30	15
0.30 - 0.60	40	18
0.60 - 1.00	50	20
1.00 - 1.50	60	20
1.50 - 3.00	70	20
3.00 - 5.00	80	25
>5.00	90	25

Asahifix®		1/1 SD (%)	Solubility		Dyeing properties		Fastness properties							
							Light		PLF *(CC)		PF* (CC)		D & CL*	Chlorine
			Water (30 °C)	Salt Solution 90 g/l (50 °C)	Exhaust	Pad-Batch	ISO 105 B02 (1/6 SD) G6	ISO 105 B02 (1/3 SD) G6	ISO 105 B07(1/6 SD) G4- Acid	ISO 105 B07(1/6 SD) G4- Alkali	ISO 105 E04 (1/1 SD) - Acid	ISO 105 E04 (1/1 SD) - Alkali	ISO 105 C09- CC	JIS L-0884 (20mg)- CC
	Asahifix Supra Yellow LF-R	3.20	200	<5	◆	◇	5	5-6	4	4	4-5	4-5	4	4
	Asahifix Supra Red LF-3B	4.00	200	<5	◆	◇	4	4	4	3-4	4-5	4-5	4	3-4
	Asahifix Supra Blue LF-R	3.50	200	200	◆	◆	4	4	4	3	4	4-5	4	3-4

SD : Standard Depth | PLF* : Perspiration Light Fastness | PF* : Perspiration Fastness | D & CL* : Domestic & Commercial Laundering

CC : Colour Change | G : Grade ◆ : Suitable |◇ : Not Suitable

Dyeing Profile



Dyestuff & Chemical Additions

A	Add Lubricant 0.5-1.0 g/l
A	Add Levelling Agent 0.5-1.0 g/l
A	Add Dye Bath Conditioner 0.5-1.0 g/l
B	Dose Glauber's Salt X g/l
C	Dose Dyestuffs X%
D	Dose Soda Ash(25%) Xg/l
D	Dose Soda Ash(75%) Xg/l
E	Add Acetic Acid Xg/l
F	Add Soaping Agent Xg/l

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