ASAHI Dyes And Chemicals

ASAHI DYES AND CHEMICALS 株式会社



ASAHIFIX® XP-S

Robust Trichromatic Element for Light to Medium Shades

INNOVATING CHEMISTRY POWERING PROGRESS

ASAHIFIX®XP-S : Robust Trichromatic Element for Light to Medium Shades

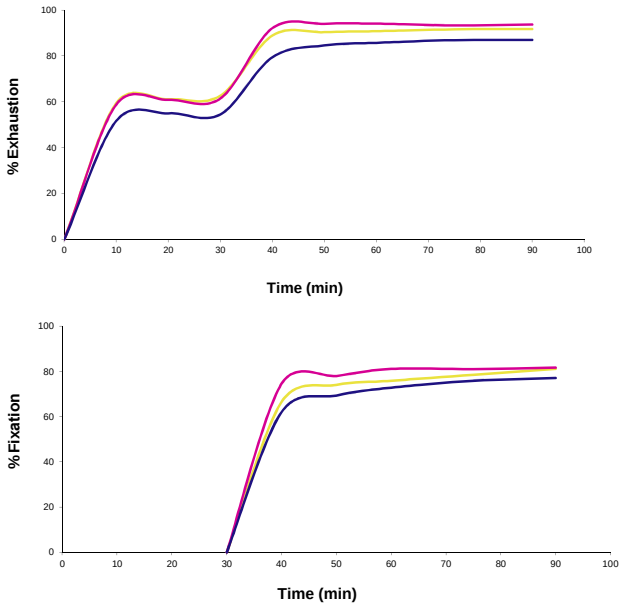
ASAHIFIX® XP-S : Range Positioning

ASAHIFIX XP-S range of products are meant to be positioned for all difficult and challenging ternary shades in light to medium shade gamut. A molecular formulation meticulously engineered for optimal performance, ensuring consistent and uniform color application every time. ASAHIFIX XP-S delivers true-to-sample color matching with unparalleled accuracy.

RangeHighlights

1. Specially designed trichromat that ensure excellent colour reproducibility.
2. Enhanced Right-First-Time.
3. Uniform rate of exhaustion & fixation gives on-tone colour build-up.
4. Very good levelness in critical trichromatic shades.
5. Recommended for exhaust dyeing, meeting all major fastness needs.

Curves of Exhaustion & Fixation



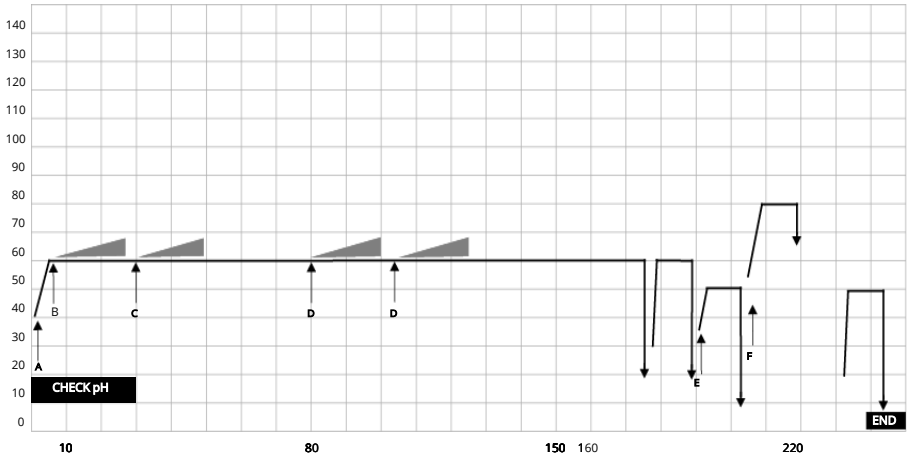
Asahifix® XP-S		
Exhaustion Temp :- 60°C		
Dyestuff Depth (% OWM)	Glauber's Salt (g/l)	Soda Ash (g/l)
<0.10	20	12
0.10 - 0.30	30	15
0.30 - 0.60	40	18
0.60 - 1.00	50	20
1.00 - 1.50	60	20
1.50 - 3.00	70	20
3.00 - 5.00	80	25
>5.00	90	25

Asahifix®		1/1 SD (%)	Solubility: Water (30 °C)	Solubility: Salt Solution 90 g/l (50 °C)	Dyeing properties: Exhaust	Dyeing properties: Pad-Batch	Fastness properties: Light: ISO 105 B02 (1/6 SD) G6	Light: ISO 105 B02 (1/3 SD) G6	PLF *(CC): ISO 105 B07(1/6 SD) G4- Acid	PLF *(CC): ISO 105 B07(1/6 SD) G4- Alkali	PF* (CC): ISO 105 E04 (1/1 SD) - Acid	PF* (CC): ISO 105 E04 (1/1 SD) - Alkali	D & CL*: ISO 105 C09- CC	Chlorine: JIS L-0884 (20mg)- CC
	ASAHIFIX YELLOW XP-S	3.50	200	200	◆	◆	5	5-6	4	4	4-5	4-5	4	4
	ASAHIFIX RED XP-S	2.50	200	100	◆	◆	3-4	4-5	3-4	2-3	4-5	4-5	4	4
	ASAHIFIX CLASSIC BLUE XP-S	3.00	200	200	◆	◇	3	3-4	2-3	2	4-5	4-5	4	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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