

Spectron[®] HFBR

Reactive dyes for Depth with Brilliance



Spectron® HFBR

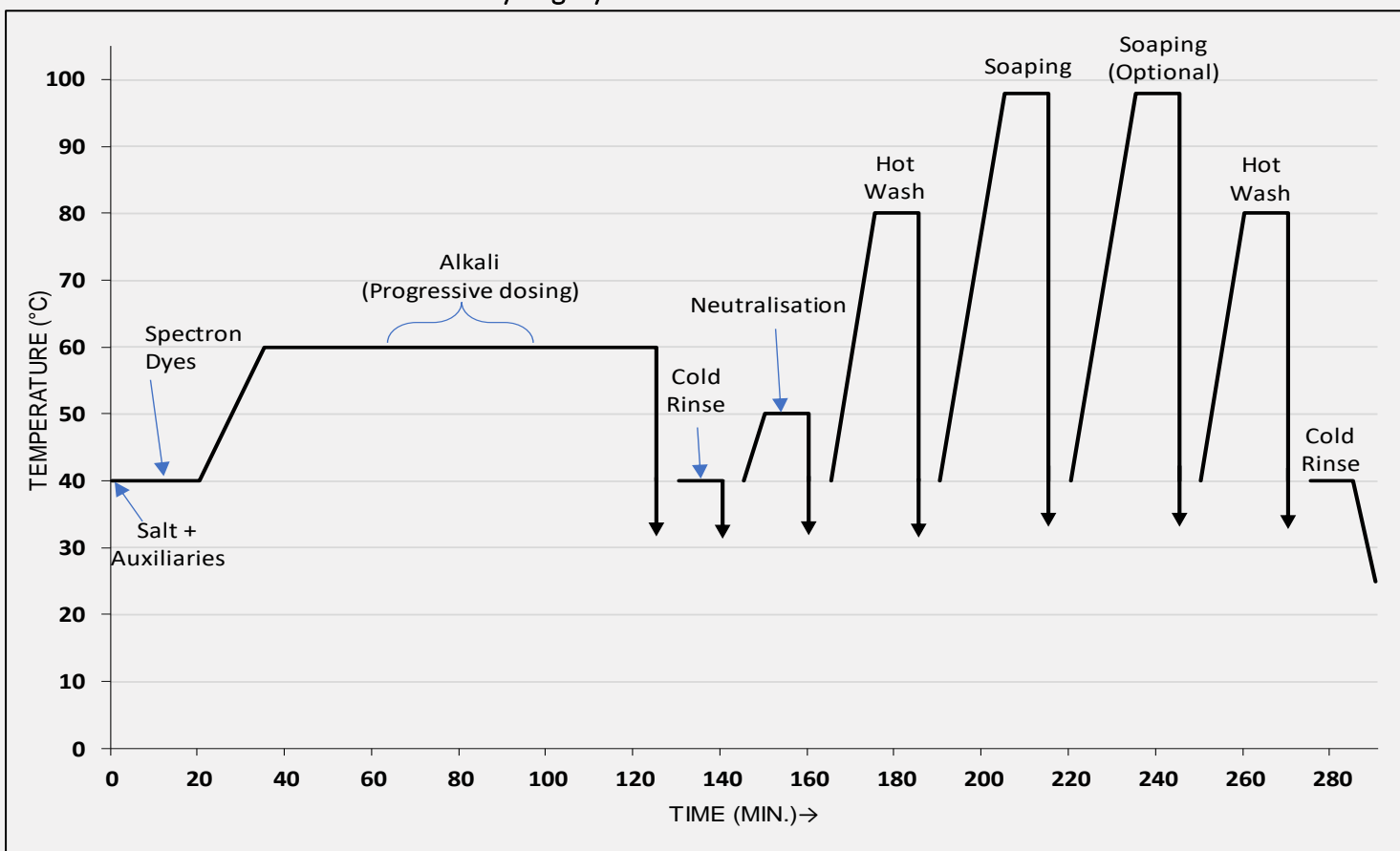
- Reactive dyes for medium to dark shades
- Highly recommended for high depth bright shades
- Suitable for both exhaust and continuous dyeing applications
- High degree of fixation and easy washing-off process
- Good overall fastness

Recommendations for Exhaust dyeing :

- Salt and Alkali dosage for exhaust dyeing at 60°C

		% Shade	<0.5%	0.5-1.0%	1.0-2.0%	2.0-4.0%	>4.0%
		Glauber's Salt (gpl)	20	40	50	60	80
1	Single alkali method	Soda Ash (gpl)	10	15	20	20	20
2	Mixed alkali method	Soda Ash (gpl)	5	5	5	5	5
		Caustic Soda (72°Tw) (ml/l)	1.0-1.5	1.5-2.0	2.0-2.5	2.5-3.0	3.0-4.0

- Recommended Exhaust dyeing cycle at 60°C



Note:

- Repeated soaping is recommended for darker shade.
- Good after treatment helps to improve wet fastness properties and gives brighter appearance to goods.

Technical Profile

- Fastness is tested at 1/1 SD on 100% cotton interlock knitted fabric (210 gsm)

SPECTRON	1/1 SD	Shade	Light Fastness ISO 105 B02 (Upto 6)	Wash ISO 105 C10: C 60°C	Wash ISO 105 C06 C2S 60°C	Water ISO 105 E01	Perspiration ISO 105 E04		Crocking ISO 105 X12	Chlorinated Water ISO 105 E03 (20 ppm)	Dischargeability (Sodium Sulphoxylate formaldehyde)	Solubility Grams/Litre	
			1/1 SD 1/6 SD	CoS CO	CoS CO	CoS CO	CoS CO	CoS CO	Dry Wet	CoS		Neutral Solubility	Salt Solubility (in 60 gpl Glauber's salt)
GOLDEN YELLOW HFBR	2.50%		6 6	4 4-5	4 4-5	4-5 4-5	4-5 4-5	4-5 4-5	4-5 3-4	4	D	100	80
YELLOW HFBR	3.00%		5-6 5	4 4	4 4	4-5 4	4-5 4	4-5 4	4-5 3	4	D	100	80
ORANGE HFBR	3.00%		5 2	4 3-4	4 3-4	4-5 3-4	4-5 4	4-5 4	4-5 3	4	MD	60	20
PINK HFBR	4.00%		5-6 4-5	4 4-5	4 4-5	4-5 4-5	4-5 4-5	4-5 4-5	4-5 3-4	4	D	100	80
RED HFBR	2.00%		3 2	4 4	4 4	4-5 4	4-5 4	4-5 4	4-5 3	3-4	MD	100	80
CHERRY HFBR	1.50%		5 3-4	4 4-5	4 4-5	4-5 4-5	4-5 4-5	4-5 4-5	4 3	3-4	MD	100	80
MAROON HFBR	1.50%		5 4-5	4 4	4 4	4-5 4-5	4-5 4-5	4-5 4-5	4 3	3-4	D	100	80
BLUE HFBG	2.00%		5-6 3-4	4 4	4 4	4-5 4	4-5 4	4-5 4	4-5 3	3-4	D	100	80
BLUE HFBR	2.00%		3-4 1-2	4 4-5	4 4-5	4-5 4-5	4-5 4-5	4-5 4-5	4-5 3-4	2	D	200	150
NAVY HFBR	1.50%		3-4 2	4 4-5	4 4-5	4-5 4-5	4-5 4-5	4-5 4-5	4-5 3	2-3	D	200	150

Abbreviation: Cos = Change of Shade, CO = Cotton staining, D = Dischargeable, MD = Moderate Discharge



Certificate Number 6768
ISO 9001
ISO 14001
ISO 45001



ØZDHC MRSL Conformance Level 3



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