

Spectron[®] RFD

Highly Compatible dyes for Right First Time Dyeing...



Spectron® RFD

- Right First time Dyeing concept dyes with best reproduced results
- Highly compatible range of dyes to cover widest gamut of critical shades
- Robust dyeing behaviour against varying dyebath conditions
- Easy lab to bulk reproduction of shades
- Less re-dyeing/shade corrections steps resulting in saving of time, water, energy, chemicals & manpower
- Suitable for exhaust and continuous dyeing applications
- Good overall fastness profile

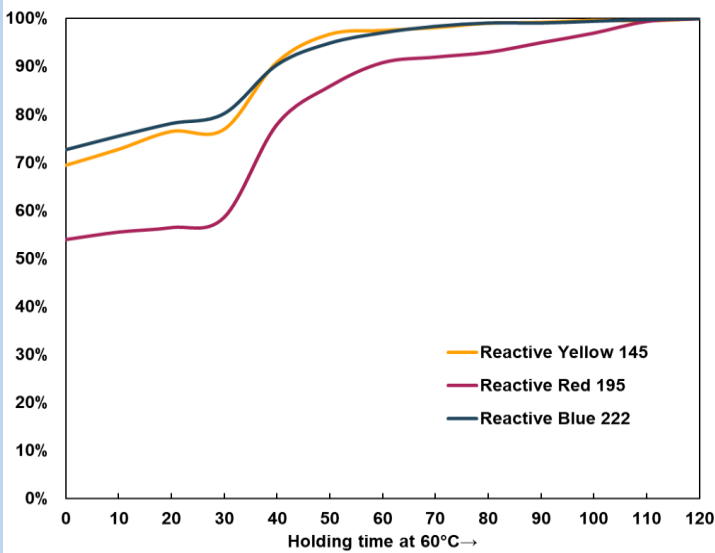
Technical Profile

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

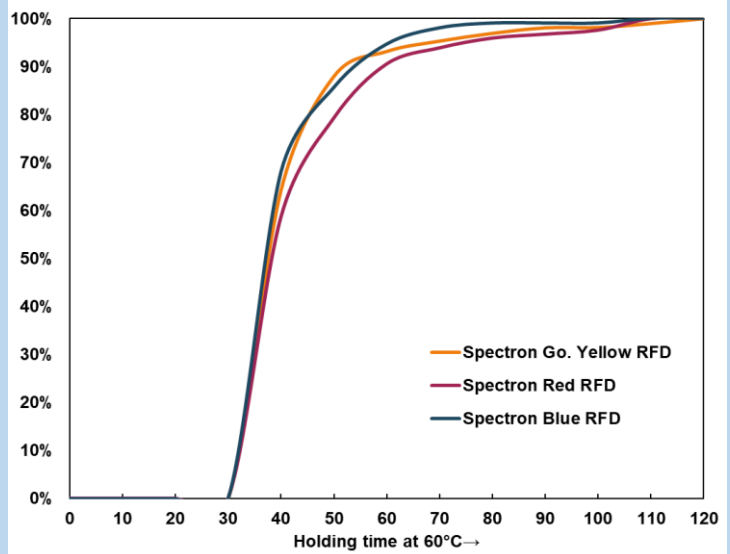
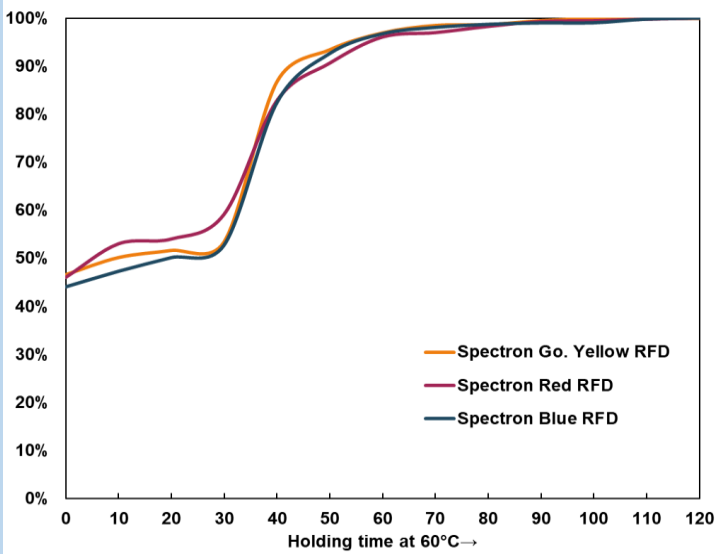
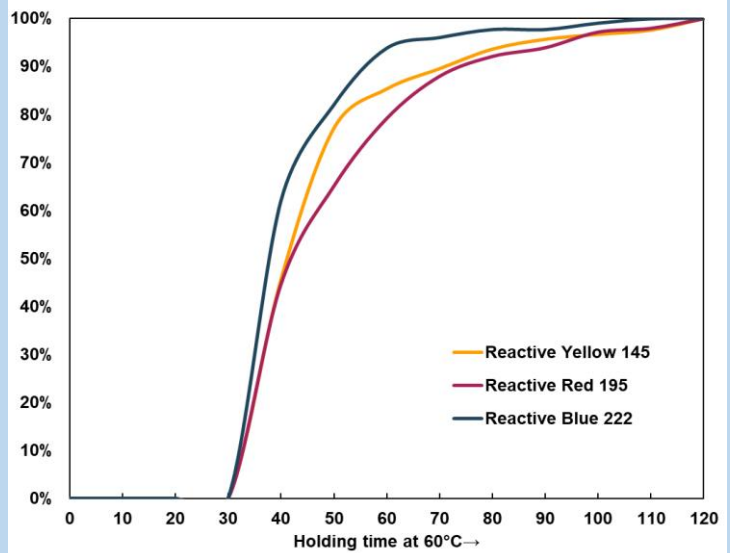
SPECTRON	1/1 SD	Shade	Light Fastness ISO 105 B02 (Upto 6)	Wash ISO 105 C10:C 60°C	Wash ISO 105 C06 C2S 60°C	Water ISO 105 E01	Perspiration ISO 105 E04		Croaking ISO 105 X12	Chlorinated Water ISO 105 E03 (20 ppm)	Dischargeability (Sodium Sulphoxylate formaldehyde)	Solubility Grams/Litre	
			1/1 SD 1/6 SD	CoS CO	CoS CO	CoS CO	CoS CO	CoS CO	Dry Wet	CoS		Neutral Solubility	Salt Solubility (In 60 gpl Glauber's salt)
YELLOW RFD	3.60%		6 5-6	4 4	4 4	4-5 4	4-5 4-5	4-5 4-5	4-5 3	4	D	100	80
GOLDEN YELLOW RFD	3.00%		5-6 5	4 4-5	4 4-5	4-5 4-5	4-5 4-5	4-5 4-5	4-5 3-4	3-4	D	100	80
ORANGE RFD	1.30%		4 3	4 4	4 4-5	4-5 4-5	4-5 4-5	4-5 4-5	4-5 3-4	3-4	D	100	80
RED RFD	4.50%		4 3	4 4-5	4 4-5	4-5 4	4-5 4	4-5 4	4 3	3-4	MD	100	80
BLUE RFD	2.50%		3-4 2	4 4-5	4 4-5	4-5 4-5	4-5 4-5	4-5 4-5	4-5 3-4	2-3	D	100	80
NAVY RFD	1.50%		3 1-2	4 4-5	4 4-5	4-5 4-5	4-5 4-5	4-5 4-5	4-5 3	3-4	D	200	150

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

Exhaustion *



Fixation

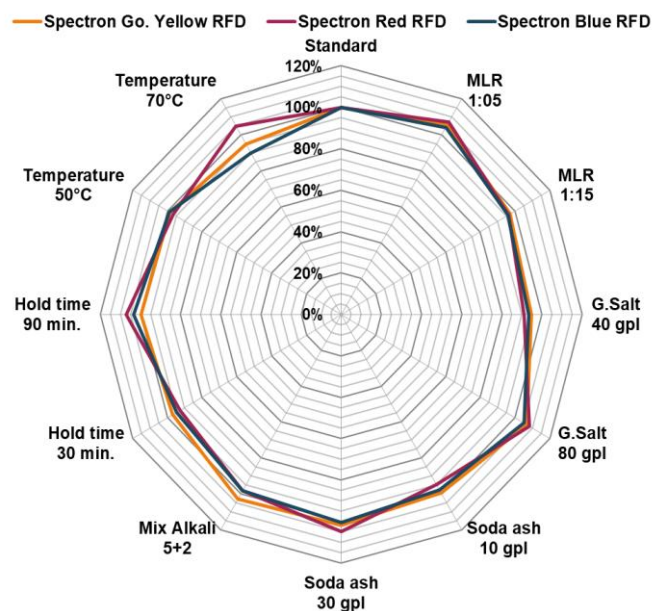
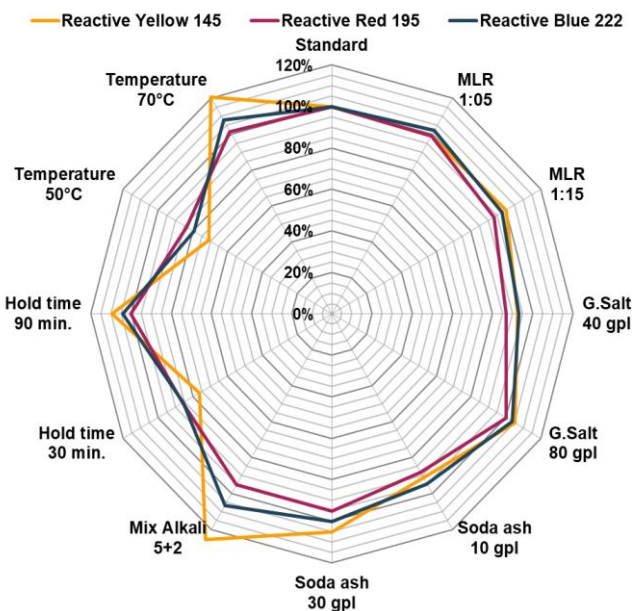


* Adjusted values against final exhaustion as 100%

Adjusted values against final fixation as 100%

Robustness

- Robustness represents ability of dyes to sustain the varying dyebath parameters
- Spectron RFD dyes are having highest robustness resulting in minimum batch to batch variation





Certificate Number 6768
ISO 9001
ISO 14001
ISO 45001



ØZDHC MRSL Conformance Level 3



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