

Advantages

- Posses excellent brightness and good wet fastness.
- They are dischargeable.
- They are suitable for exhaust and different pad dyeing methods and discharge printing.
- Ease of washing off unfixed dyestuffs i.e. minimum staining of the white ground in printing.
- They are applicable at 40°C and 60°C

Product placement

Light Shades
Yellow GL 150%
Red 3B
Brill. Blue BB 133%

Medium Shades
Yellow GR 133%
Red BB 150%
Brill. Blue BB 133%

Deep Shades
Golden Yellow RNL 150%
Red RB 133%
Navy Blue RGB 150%

Support Dyes
Orange 3R
Violet 5R
Brown GR
Turq. Blue G 133%
Blue R Special
Navy Blue GG 133%
Black RL
Black B 150%

Abbreviations

- Bl - Bluer
Br - Brighter
Dl - Duller
Dk - Darker
G - Greener
R - Redder
Y - Yellower
S - Suitable
NS - Not suitable

Dischargeability

- A - White Discharge
B - Moderately Dischargeable
C - Non Dischargeable

The information and technical advice - whether verbal, in writing or by way of trials- are given in good faith but without warranty. Data results are based on controlled or laboratory work and must be confirmed as satisfactory by the buyer by testing intended conditions of use.



Saraf Dyechem Industries
Manufacturer & Exporter of Dyestuff

904, 9th Floor, Indraprasth Corporate,
Opp. Venus Atlantis, Prahladnagar Road,
Ahmedabad - 380015, India.
Tel: +91-79-48001800, 48003800, 66170247/248

Email: info@sarafdyes.com
Web : www.sarafdyes.com



Ø ZDHC
Level-3

Reactive Dyes
expect more, pay less



Saraf Dyechem Industries

Saraf®
VS Dyes

Saraf® VS Dyes																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																
Product					C I Name		Process Suitability					Light Fastness					Solubility (g/l)	Washing			Perspiration M&S C7 (Acidic)			Perspiration M&S C7 (Alkaline)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								
							Warm Exhaust	Cold Pad Batch	Pad Dry Pad Steam	Pad Dry Steam	Pad Dry Thermofix	Dischargeability	AATCC 16 E 1/1 SD	AATCC 16 E 1/3 SD	ISO BO2 1/1 SD	ISO BO2 1/3 SD	WATER 30° C	IN PRESENCE OF SALT 50°C(90 g/l)	Effect	Stain (Cotton)	Stain (Nylon)	Effect	Stain (Cotton)	Stain (Nylon)	Effect	Stain (Cotton)						Stain (Nylon)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																
1 %	4 %																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															</

Saraf® VS Dyes																														
Product		C I Name	Process Suitability						Dischargeability	Light Fastness				Solubility (g/l)		Washing			Perspiration M&S C7 (Acidic)			Perspiration M&S C7 (Alkaline)			Chlorinated Water	Dry Rubbing (M&S C8)	Wet Rubbing (M&S C8)	Perobate Wet Fade (M7S C9A)	Repeated Domestic Washing (M&S C10A)	
			Warm Exhaust	Cold Pad Batch	Pad Dry Pad Steam	Pad Dry Steam	Pad Dry Thermofix	AATCC 16 E 1/1 SD		AATCC 16 E 1/3 SD	ISO BO2 1/1 SD	ISO BO2 1/3 SD	WATER 30° C	IN PRESENCE OF SALT 50°C(90 g/l)	Effect	Stain (Cotton)	Stain (Nylon)	Effect	Stain (Cotton)	Stain (Nylon)	Effect	Stain (Cotton)	Stain (Nylon)							
1 %	4 %																													
		ORANGE 2R	O 7	S	S	S	S	NS	A	4	3-4	4	3-4	200	200	4-5	4-5	4-5	4-5	4-5	4-5	4-5	4-5	4-5	4-5	4/BI	5	4	4	4
		ORANGE 3R	O 16	S	S	S	NS	NS	A	4	3-4	4	3-4	60	<5	4-5	4-5	4-5	4-5/R	4-5	4-5	4/R	4-5	4-5	4	5	4	4-5	2-3	
		RED BB 150%	R 21	S	NS	NS	NS	NS	A	4	3-4	4	3-4	100	20	4-5	4	4-5	4-5	4-5	5	4-5	4-5	4-5	4	5	4	3-4	2-3	
		RED 3B	R 23	S	S	S	S	NS	C	4-5	4	6	6	100	15	5	5	5	3/BI	5	5	3/BI	5	5	5	5	4	4-5	3-4	
		RED 5B	R 35	S	S	NS	NS	NS	A	3-4	2-3	3	2-3	80	60	4-5	4-5	5	4-5	4-5	5	4-5	4-5	4-5	4/BI	5	4	2-3	3-4	
		RED C2G	R 106	S	NS	NS	NS	NS	A	3-4	3	3-4	3	150	80	4-5	4-5	4-5	4-5	4-5	4-5/R,DI	4-5	4-5	4-5	3-4	5	4	3-4	1-2	
		RED F3B	R 180	S	S	S	S	NS	A	4	3-4	4-5	4	100	15	5	4-5	5	5	4-5	5	5	4-5	5	4-5	4-5	3	4-5	3-4	
		RED RB 133%	R 198	S	S	S	S	NS	C	3-4	3	3-4	3	200	120	4-5	4-5	4-5	4/BI	4-5	4-5	4-5/BI	4-5	4-5	3-4/Y	5	4	3-4	2-3	
		RED RB 150%	R 198A	S	S	S	S	NS	C	3-4	3	3-4	3	200	150	4-5	4-5	4-5	4/BI	4-5	4-5	4-5/BI	4-5	4-5	3-4/BI	5	4	3-4	2-3	
		RED 3BSA 150%	R 239	S	S	NS	NS	NS	C	4	3-4	4-5	4	200	200	4-5	4-5	4-5	4-5	4	4-5	4-5	4	4-5	4-5/BR	4-5	3-4	4-5	4	
		VIOLET 5R	V 5	S	S	S	S	NS	B	4	3-4	6	5-6	200	60	4-5	4-5	5	4/BI	4-5	4-5	4/BI	4	4-5	4/BI	4-5	4	4-5	3-4/BI	
		BROWN GR	Br 18	S	NS	NS	NS	NS	B	4-5	4	6	6	80	<5	4-5/DI	4-5	4-5	4/Y	4-5	4-5	4/BI	3-4	4	3/DI	5	4	4	2-3/BI,DI	

Saraf® VS Dyes																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																													
Product			C I Name	Process Suitability					Dischargeability	Light Fastness				Solubility (g/l)		Washing			Perspiration M&S C7 (Acidic)			Perspiration M&S C7 (Alkaline)			Chlorinated Water	Dry Rubbing (M&S C8)	Wet Rubbing (M&S C8)	Perobate Wet Fade (M7S C9A)	Repeated Domestic Washing (M&S C10A)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																
				Warm Exhaust	Cold Pad Batch	Pad Dry Pad Steam	Pad Dry Steam	Pad Dry Thermofix		AATCC 16 E 1/1 SD	AATCC 16 E 1/3 SD	ISO BO2 1/1 SD	ISO BO2 1/3 SD	WATER 30° C	IN PRESENCE OF SALT 50°C(90 g/l)	Effect	Stain (Cotton)	Stain (Nylon)	Effect	Stain (Cotton)	Stain (Nylon)	Effect	Stain (Cotton)	Stain (Nylon)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
1 %	4 %																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												