



Reactive Dyes – Shade Card

Shade		Name	Fastness Properties										Dyeing property		Sulfability		Dischargeability				
			CF	Washing		Water		Perspiration				Rubbing		Substantivity	Fixation °C	Exhaust	Pad batch	Alkaline	Neutral		
				Light	ISO CO6	CS	CC	CS	CC	Acid		Alkali								Dry	Wet
										CS	CC	CS	CC								
1%	3%	CI Reactive	1/1	CS	CC	CS	CC	CS	CC	CS	CC	Dry	Wet	Substantivity	Fixation °C	Exhaust	Pad batch	Alkaline	Neutral		
		Brilliant Yellow BES Yellow 186A	4-5	4	4-5	4	4	4	4-5	4	4-5	4-5	4	S	60-65	S	LS	Poor	Fair		
		Golden Yellow BES Yellow 145A	4-5	4-5	4	4	4	4	4-5	4	4	4-5	4	S	60-65	S	LS	Poor	Fair		
		Orange BES Orange 122A	4	3-4	4	3	4	4	4	4	4-5	4	3-4	S	60-65	S	LS	Good	Poor		
		Red BES Red 195A	4-5	4-5	4	4	4	4	4	3-4	4-5	4-5	4	S	60-65	S	LS	Poor	Poor		
		Deep Red BES Red 111A	4-5	4	4	4	4-5	3-4	4-5	4	4-5	4-5	4	S	60-65	S	LS	Poor	Poor		
		Turquoise BES Blue 21A	4-5	4	4	4	4	4	4-5	3-4	4-5	4	3-4	S	60-65	S	S	Poor	Poor		
		Blue BES Blue 19A	4-5	4	4	4	4	4-5	4	4	4	4-5	4	S	60-65	S	S	Poor	Poor		
		Blue BBL	4-5	4-5	4	4	4	4	4	4	4-5	4-5	4	S	60-65	S	S	Fair	Good		
		Navy BES Black 54	3-4	4	4	4-5	4	3	4	4-5	4	4-5	4	S	60-65	S	LS	Fair	Good		
		Black BES	4	4	4	4	4	4	4-5	4-5	4-5	4	3-4	S	60-65	S	LS	Fair	Good		
		Black BE	4	4	4	4	4	4-5	4	4-5	4	4	3-4	S	60-65	S	LS	Fair	Good		

Special Series (For light to medium and some critical shades)

		Yellow YML	5	4-5	4	4	4	3-4	4-5	4	4-5	4-5	4-5	S	60-65	S	LS	Poor	Good
		Red YML	4-5	4-5	4	4	4-5	4	4-5	3-4	4-5	4-5	4	S	60-65	S	LS	Poor	Poor
		Blue YML	3-4	4-5	4	4-5	4	4	4	4	4	4-5	4	S	60-65	S	LS	Poor	Good