

Reactive Dyes Powder for Textiles

Apactive® Dyes for Wool & Silk

Apactive® Dyes for Wool & Silk	CI NO.	Yellow W4G (Yellow 39)	Red WB (Red 65)	Red W5B (Red 66)	Red W6G (Red 84)	Scarlet W3G (Red 136)	Blue W3R (Blue 50)	Blue W3G (Blue 69)
Color Shade								
Treatment Suitability	Carbonising	▲	▲	▲	▲	▲	▲	▲
	Decastising	✓	▲	✓	▲	▲	▲	▲
	Dry Cleaning	▲	▲	▲	▲	▲	▲	▲
	Dischargeability	▲	▲	✓	✓	✓	∅	×
	1/12	5-6	5-6	4-5	5	4	5	5
	1/3	6	5-6	5	5-6	4-5	5	5-6
	1/1	7	6	5-6	6-7	5-6	6	6-7
	2/1	7-8	7	6-7	7	6	6-7	6-7
Washing Fastness	CO6/B2, 50°C	4-5 4-5	4-5 4-5	4-5 4-5	4-5 4-5	4-5 4-5	4-5 4-5	4-5 4-5
	IWS TM 250, 40°C	4-5 4-5	4-5 4-5	4-5 4-5	4-5 4-5	4-5 4-5	4-5 4-5	4-5 4-5
	Water IWS TM 6	4-5 4-5	4-5 4-5	4-5 4-5	5 5	4-5 4-5	4-5 4-5	4-5 4-5
	Hot Water 70°C	4-5 4-5	4-5 4-5	4-5 4-5	5 5	4-5 4-5	4-5 4-5	4-5 4-5
Staining of Multifibre strip Rub Fastness ISO 105 X 12	PAN	4-5	4-5	4-5	4-5	4-5	4-5	4-5
	PES	4-5	4-5	4-5	5	4-5	4-5	4-5
	CO	4-5	4-5	4-5	4-5	4-5	4-5	4-5
	Dry	4-5	4-5	4-5	4-5	4-5	4-5	4-5
	Wet	4	4	4	4	4	4	4
Solubility (g/l)	90°C	100	100	100	100	100	100	100
	60°C	100	80	70	60	100	100	100
	Solution Solubility 60°C	100	100	70	60	100	100	100
Fastness to other aqueous								
Miling Alkaline	Ch	3-4	4-5	4-5	4	4	4-5	4
	Wo	4-5	4-5	4-5	5	5	4	4
	Co	4-5	3-4	4	5	5	5	5
Cross Dyeing Acetic Acid	Ch	4-5	4-5	5	5	5	4-5	4-5
	Wo	4	3-4	4	4-5	4-5	3-4	4

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Color Shade								
	Co	5	5	5	5	5	5	5
Perspiration Acid EO4		4-5	4-5	4-5	4-5	4-5	4-5	4-5
		4-5	4-5	4-5	4-5	4-5	4-5	4-5
Perspiration Alkaline EO4		4-5	4-5	4-5	4-5	4-5	4-5	4-5
		4-5	4-5	4-5	4-5	4-5	4-5	4-5

✓	Recommended
▲	Highly Recommended
×	Not Recommended
∅	Limited Interest

Fastness Properties

Upper: Shade Change