

Reactive Dyes Powder for Textiles

Apactive® ME

Color Shade	Apactive ® ME	C.I.No.	1/ 1 Standard Depth	Migration Index (%)	Level Dyeing Factor (%)	Reactivity Index T50 (min)	Fixation Yield (%)	Process Suitability			Washing Fastness		Dischargeability	Light Fastness (AATCC/16E, 20 AFU)					Crock Fastness		Solubility (G/L)			Post Fastness Properties							
								Exhaust	Cold Pad Bath	Continuous / e-Dyeing	CO6/C2S 60°C	CO6/C2S 95° C		1/25	1/12	1/6	1/3	1/1	Dry	Wet	30°c	+ 60 gpl Salt	+ 60 gpl Soda	Water Fastness (ISO 105 E01)	Chlorinated Water (ISO 105 Eo3)	Oxidative Bleach (M&S C10A)	Hydrolysis M&S (C11)	Mercerizing (ISO 105 jx 04)	Perspiration Acid (EO4)	Perspiration Alkali (EO4)	
	Yellow 3RXF(M)	Yellow 145A	3.30	90	85	14	82	✓	✓	✓	4-5 4-5	4-5 4	✗	4	4	4	4-5	4-5	5	4-5	200	200	200	4 4-5	4	4OT	4 4-5	4 4-5	4-5 4-5	4-5 4-5	4-5 4-5
	Yellow ME4GL	Yellow 160	2.52	86	79	12	85	✓	✓	✓	4-5 4-5	4-5 4	✗	4	4	4	4-5	4-5	4-5	4	120	100	-	4 4	4	4OT	4-5 4-5	4 4-5	4-5 4-5	4-5 4-5	4-5 4-5
	Orange ME2RL	Orange 122	3.00	88	86	14	84	✓	✓	✓	4-5	4	✗	3	3	3	3	3	4	4	100	90	150	4	3-4	4OT	4-5	4-5	4-5	4-5	4-5
	Red M-2BF	Red 194	3.00	88	86	14	82	✓	✓	✓	4-5	4	✓	5	5	5	4-5	4-5	4-5	4	100	100	-	4 4-5	4	4OT	3 3	4-5 4-5	4-5 4-5	4-5 4-5	4-5 4-5
	Red 3BXF(Z)	Red 195A	3.40	90	85	14	82	✓	✓	✓	4-5 4-5	4-5 4	✗	3	3-4	3-4	4-5	4-5	4-5	4	200	200	200	4 4-5	4	4OT	4-5	4 4	4-5 4-5	4-5 4-5	4-5 4-5
	Scarlet 2GF	Red 222	2.87	80	75	14	90	✓	✓	✓	4-5 4-5	4-5 4	✓	3	3	3	3-4	4	4-5	4	130	100	-	4	4	4OT	4 4-5	3-4 4	4 4	4 4	4 4
	Red 3GF	Red 223	4.79	96	85	14	82	✓	✓	✓	4-5 4-5	4-5	✓	3-4	3-4	4	4	4-5	4	4	150	120	-	4-5 4-5	4	4OT	4 4-5	-	4-5 4-5	4-5 4-5	4-5 4-5
	Red ME6BL	Red 250	3.6	84	86	13	85	✓	✓	✓	4-5	4-5	✓	4	4	4	4	4-5	4	4	150	120	40	4-5	4	4OT	4	4	4	4	4
	Navy Blue ME2GL	Blue 194	5.0	90	88	14	80	✓	✓	✓	4	4	✗	4	4	4	4	4	5	4-5	120	100	-	4-5	4	4OT	4-5	4	4	4	4
	Blue BRF	Blue 221	3.70	90	82	13	83	✓	✗	✓	4-5 4-5	4-5 4	✗	4	4	4	4-5	4-5	5	4	100	80	-	4 4-5	3	4OT	4 4-5	4-5 4	4-5 4-5	4-5 4-5	4-5 4-5
	Blue BRFs	Blue 221 AS	3.20	100	86	14	86	✓	✓	✓	4-5	4	✗	4	4	4	4-5	4-5	5	4	154	154	200	4-5	3	4OT	4-5	4-5	4-5	4-5	4-5
	Navy Blue BFN	Blue 222	6.00	90	88	14	90	✓	✓	✓	4-5 4-5	4-5 4	✓	3	3-4	3-4	4	4	4-5	4	175	125	-	4 4-5	4	4OT	4 4-5	4-5 4-5	4-5 4-5	4-5 4-5	4-5 4-5
	Blue 5GS	Blue 223	6.0	90	88	14	90	✓	✓	✓	4	4-5	✓	4	4	4	4	4	5	4	200	130	60	4	3-4	4OT	4	4	4	4	4
	Navy Blue ME2RL	Blue 248	5.8	84	82	14	84	✓	✓	✓	4	4-5	✗	4	4	4	4	3-4	4	4	150	120	-	4	3-4	4OT	4	4-5	4	4	4

✓	Recommended
✗	Not Recommended