

Reactive Dyes Powder for Textiles

Apactive® ED

Color Shade	Apactive® ED	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	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)20ppm	Oxidative Bleach (M&S C10A)	Hydrolysis (C11)	Mercerizing (ISO 105 jx 04)	Perspiration Acid (EO4)	Perspiration Alkali (EO4)
	Yellow ED	1.40	83	80	12	85	✓	✓	✓	4-5 4-5	4-5 4	✓	4	4	4	4	4-5	4-5	4	200	200	200	4 4-5	4	4OT	4 4-5	4 4	4-5 4-5	4-5 4-5
	Red ED	2.10	91	86	14	90	✓	✓	✓	4-5 4-5	4-5 4-5	✗	3	3	3-4	4	4-5	4-5	4	200	154	154	4-5 4-5	3-4	4OT	4 4-5	4-5 4	4-5 4-5	4-5 4-5
	Red ED3B	2.36	95	88	13	87	✓	✓	✓	4-5 4-5	4-5 4	✗	3	3-4	3-4	4	4	4-5	4	200	200	200	4 4-5	4	4OT	4 4-5	4 4	4-5 4-5	4-5 4-5
	Blue EDG	3.90	80	75	13	85	✓	✓	✓	4-5 4-5	4-5 4	✗	4	4	4	4	4-5	4-5	4	100	80	-	4-5 4-5	2	4OT	4 4-5	4 4	4-5 4-5	4-5 4-5
	Blue ED	3.00	85	80	13	86	✓	✓	✓	4-5 4-5	4-5 4-5	✗	3-4	4	4	4-5	4-5	4-5	4	165	110	50	4-5 4-5	3-4	4OT	4 4-5	4-5 4	4-5 4-5	4-5 4-5
	Navy ED	3.60	90	85	13	86	✓	✓	✓	4-5 4-5	4-5 4-5	✓	-	-	3	3-4	3-4	4	3-4	200	125	-	4-5 4-5	3	4OT	4 4	4 4	4-5 4-5	4-5 4-5
	Black ED	6.26	90	86	13	92	✓	✓	✓	4-5 4-5	4-5 4	✓	3	3-4	3-4	4	4	4	3-4	200	200	154	4-5	4	4OT	4 4	4-5 4	4-5 4-5	4-5 4-5

✓	Recommended
✗	Not Recommended