

Reactive Dyes Powder for Textiles

Apactive® HE

Color Shade	Apactive® HE	C.I.No.	1/ 1 Standard Depth	Migration Index (%)	Level Dyeing Factor (%)	Reactivity Index T50 (min)	Fixation Yield (%)	Process Suitability				Washing Fastness		Light Fastness (AATCC/16, 20 AFU)					Crock Fastness		Solubility (G/L)			Post Fastness Properties					
								Exhaust	Cold Pad Bath	Continuous	Dischargeability	CO6 /E2	CA4	1/25	1/12	1/6	1/3	1/1	Dry	Wet	30 oc	60 oc	+60 gpl Salt	Chlorinated Water (ISO 105)	Hydrogen Peroxide (ISO 105 No2)	Hydrolysis (C11)	Mercerizing (ISO 105 jx 04)	Perspiration Acid (EO4)	Perspiration Alkali (EO4)
	Yellow HE4R	Yellow 84	2.90	82	78	12	90	✓	✗	✗	✗	4-5	4-5	3-4	4	4	4-5	4-5	4-5	4	100	150	100	3 4-5	4 4	4 4-5	4 4-5	4-5 4	4-5 4-5
	Yellow HE6G	Yellow 135	2.5	79	77	11	85	✓	✗	✗	✗	4-5	4-5	4	4	4	4-5	4-5	4-5	4	100	150	100	4 4-5	4 4	4 4	4 4	4-5 4-5	4-5 4-5
	Orange HER	Orange 84	3.80	80	78	12	84	✓	✗	✗	✗	4-5	4-5	3	3	3	4	4	4-5	4-5	100	150	100	4 4-5	4 4	4 4	4 4	4-5 4-5	4-5 4-5
	Red HE3B	Red 120	5.50	90	80	13	80	✓	✗	✗	✗	4-5	4-5	3	3-4	3-4	4	4	4-5	4	100	150	100	3-4 4-5	3-4 4	3-4 4	4 4	4 4-5	4 4-5
	Red HE7B	Red 141	3.40	78	73	12	85	✓	✗	✗	✗	4-5	4	2-3	3-4	3-4	4	4	4-5	4	150	200	120	3-4 4-5	3-4 4	3-4 4	4 4-5	4 4-5	4 4-5
	Blue HERD	Blue 160	6.10	80	70	14	80	✓	✗	✗	✗	4-5	4-5	3-4	4	3-4	4	4	4-5	4	100	150	80	3 4-5	4 4	4 4	4-5 4-5	4 4	4 4
	Navy Blue HER	Blue 171	5.80	65	58	12	75	✓	✗	✗	✗	4-5	4-5	3	3	4	4-5	3-4	4	3	175	200	150	3 3-4	4-5 4	3-4 4	4-5 4	4 4	3-4 3-4
	Blue HEGN	Blue 198	6.10	92	80	10	80	✓	✗	✗	✗	4-5	4-5	3-4	4	3	3-4	4-5	4-5	4	150	200	85	2 4	3-4 4	3-4 4	4-5 4	4 4	4 4
	Turquoise Blue HA	Blue 71	3.90	65	70	-	85	✓	∅	∅	∅	4-5	4	4	5	5	5	4-5	4-5	3-4	50	50	154	4-5	-	4	5	5	5
	Green HE4BD	Green 19	6.10	92	80	10	60	✓	✗	✗	✗	4-5	4-5	3-4	4	4	4	5	4	4	130	150	100	3-4 3	3-4 4	4 4	4-5 4	4 4	4 4

✓	Recommended
✗	Not Recommended
∅	Limited Interest