

REACTIVE (HE) DYES

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DOLPHIN BRAND

DOLPHIN

DYE STUFF INDUSTRIES

**(Mfg & Exporter of Dyestuff & Chemicals)
MUMBAI (INDIA)**

Reactive HE Dyes : Are specially developed for high exhaustion & high build up with better fastness properties.

TIRUPATI TRAD. CO. has developed few popular shades which goes very well on cotton yarn, knitted fabric etc with very superior fastness properties.

Dyeing Method : Set dye bath with dye at 40^o-50^oC enter the goods & run for 15 minutes. Add required amount of salt & raise the temp. to 80-85^oC. Add Pre-dissolved alkali & continue dyeing for 30-50 mints. wash.

SALT AND ALKALI REQUIREMENT

Depth of Shade	Salt g/l	Soda Ash g/l
Up to 0.5 %	30	10
0.5 to 2.0 %	50	15
2.0% to 4.0 %	75	20
above 4.0%	90	30

(WITHOUT WARRANTY)

SHADE 4.0%	REACTIVE 'HE' DYES	FASTNESS					
		LIGHT (1/1)	WASHING (ISO4)	PERSPIRATION		BLEACH	
				ACIDIC	ALKALINE	HYPOCHLORITE	PEROXIDE
	YELLOW 911 <i>6G</i>	5-6	5	5	4	3	2
	YELLOW 912 <i>4R</i>	5	5	5	4	3	3
	G. YELLOW 913 <i>R</i>	5	5	5	4	3	3
	ORANGE 921 <i>2R</i>	4-5	4-5	5	4	3	3
	SCARLET 922 <i>4R</i>	4-5	4-5	5	4	3	2
	CONGO RED 923 <i>2R</i>	4-5	4-5	5	4	3	2
	CRIMSON 924 <i>RR</i>	5	5	5	4	3	2
	SCARLET 925 <i>2R</i>	5	4-5	4-5	4	3	2
	VISCOSE ORANGE 926 <i>SE</i>	5	5	4-5	4	3	2
	PINK 931 <i>R</i>	5	5	5	4-5	3	2
	BORDEAUX 932 <i>Bw</i>	4-5	5	5	5	3	2
	RED 933 <i>R</i>	4-5	5	4-5	5	3	2
	RED 934 <i>2B</i>	5	4-5	5	4-5	3	2
	RED 935 <i>4B</i>	5	4-5	5	4	3	2

SHADE 4.0%	REACTIVE 'HE' DYES	FASTNESS					
		LIGHT (1/1)	WASHING (ISO4)	PERSPI- RATION		BLEACH	
				ACIDIC	ALKALINE	HYPOCHLORITE	PEROXIDE
	RED 936 <i>BR</i>	5	5	5	4	3	2
	MAGENTA 937 <i>MB</i>	5	4-5	5	4	2	2
	PURPLE 938 <i>2B</i>	5	4-5	5	4	3	2
	<i>BR</i> VIOLET 939	5	4-5	5	4	2	2
	GOLDEN ORANGE 927 <i>Gk</i>	5	5	5	4	3	2
	NICKLE BROWN 941 <i>2B</i>	4-5	5	4-5	4-5	3	2
	MARUTI BROWN 942 <i>B</i>	5	5	4-5	4-5	3	2
	OAK BROWN 943 <i>2k</i>	5	5	4-5	4-5	3	2
	GOLDEN KHAKHI 944 <i>2G</i>	4-5	5	4-5	4-5	3	2
	MUSTURD BROWN 945 <i>TT</i>	5	5	4-5	5	3	2
	KHAKHI 946 <i>Tk</i>	4-5	5	4-5	4	3	2
	POLICE KHAKHI 956 <i>Gk</i>	5	5	5	5	3	2
	CALF BROWN 947 <i>R</i>	5	5	5	5	3	2
	GOLDEN BROWN 948 <i>AD</i>	5	5	5	4-5	3	2

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		LIGHT (1/1)	WASHING (ISO4)	PERSPI- RATION		BLEACH	
				ACIDIC	ALKALINE	HYPOCHLORITE	PEROXIDE
	CADBURY 949 <i>BR</i>	6	5	5	4	3	3
	KHAKHI BROWN 950 <i>GR</i>	6	5	5	4	3	3
	PLUM BROWN 951 <i>LR</i>	5-6	5	4	3-4	3	2
	COFFEE BROWN 957 <i>LR</i>	5	5	4	3	3	3
	RUST 952 <i>LR</i>	5	5	4-5	5	3	3
	BROWN 953 <i>LR</i>	5	4-5	5	4	2	3
	COPPER BROWN <i>B</i> 954	5	5	5	4	3	3
	DK. BROWN 958 <i>BR</i>	5	5	6	4	2	3
	RED BROWN 955 <i>R</i>	5	4-5	5	4	3	3
	COPPER BLUE <i>R</i> 961	5	4-5	5	4	3	2
	T. BLUE 962 <i>MG</i>	5	4	5	4	3	3
	BLUE 963 <i>RB</i>	5	4-5	5	4	2	3
	OLIVE 971 <i>GN</i>	5	5	4-5	4-5	3	3
	MEHANDI 972 <i>GR</i>	5	5	5	3-4	3	3

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		LIGHT (1/1)	WASHING (ISO4)	PERSPI- RATION		BLEACH	
				ACIDIC	ALKALINE	HYPOCHLORITE	PEROXIDE
	PEA GREEN 973 <i>2G</i>	6	5	5	4	3	2
	GREEN 974 <i>B</i>	6	5	5	4	3	3
	PARROT GREEN 975 <i>BN</i>	5-6	4	5	4	3	3
	INDIA GREEN 976 <i>FF</i>	5-6	4	5	4	3	3
	JADE GREEN 977 <i>FFB</i>	5-6	4-5	5	4	3	3
	GREEN 978 <i>4BD</i>	5-6	5	5	4	3	3
	PEACOCK BLUE 964 <i>GB</i>	5-6	5	5	4	3	2
	BLACK 991 <i>BL</i>	5-6	5	5	4	3	3
	N. BLUE 965 <i>R</i>	5	5	5	4	3	2
	N. BLUE 966 <i>2R</i>	5	5	5	4	3	2
	GREY 992 <i>2B</i>	5	5	5	4	3	2
	MARINE GREY 993 <i>XR</i>	5-6	5	5	4	3	2
	GREY NS 994 <i>NS</i>	6	5	5	4	3	3
	STEEL GREY 995 <i>RB</i>	5-6	5	5	4	3	3

