

ORCO LANAMIDE™ Dyes for Wool

Orco Lanamide™ colors are a selected group of non-chrome, non hazardous acid dyes designed for use on wool, nylon and blends thereof. These colors build well together especially when the primaries are used, and offer excellent lightfastness and wetfastness.

WOOL 0.50%	WOOL 1.0%	WOOL 3.0%	ORCO LANAMIDE™	LIGHTFASTNESS	IIA WASHFASTNESS	PERSPIRATION	DECATING	CARBONIZING
			YELLOW Y	6-7 (L) 6-7 (M) 6-7 (H)	4 (A) 4-5 (S)	4-5	4	4-5
			YELLOW GY	5-6 (L) 5-6 (M) 6 (H)	3 (A) 3-4 (S)	3	4-5	4
			YELLOW VG	5 (L) 6 (M) 6-7 (H)	4-5 (A) 5 (S)	4-5	4-5	4
			RED R	4 (L) 4-5 (M) 5 (H)	4 (A) 4-5 (S)	5	4-5	4-5
			RED 2B	6 (L) 6 (M) 6-7 (H)	4-5 (A) 3-4 (S)	5	4	4
			RUBINE RB	3 (L) 4 (M) 5 (H)	5 (A) 5 (S)	5	4-5	-
			BLUE BR	5-6 (L) 6 (M) 6-7 (H)	4 (A) 4 (S)	4-5	4-5	4-5
			BRILLIANT BLUE RR	5-6 (L) 6 (M) 6 (H)	3 (A) 3 (S)	4-5	5	5
			BRILLIANT BLUE XT	5 (L) 6 (M) 6-7 (H)	3-4 (A) 4-5 (S)	4-5	4-5	4
			*TURQUOISE TQ	3 (L) 3-4 (M) 4 (H)	4-5 (A) 5 (S)	4-5	4-5	4-5
			**GREEN CB	5-6 (L) 6 (M) 6-7 (H)	3-4 (A) 4-5 (S)	4-5	5	5

Fastness Ratings: All wetfastness ratings are based on goods that have not been after-treated with any fixing agent.

Key abbreviations: (A) Alteration (S) Staining Depth of Shade (L) Light (M) Medium (H) Heavy

*When used in conjunction with other Lanamides such as Yellow GY, some blocking may occur and additional acid, as well as increased run time may be necessary for exhaustion. Also a more prolonged rinse time in conjunction with an after-fix step may be necessary to improve wet and crock fastness.

**Green CB tends to exhaust at a higher rate than the regular Lanamides, therefore care should be taken to have a starting pH of no lower than 5.5-6.0. A 15-minute stop-hold step at 160°F prior to raising to 205°F will help increase penetration and minimize surface strike.

Actual dye samples must be evaluated in a laboratory on medium to be dyed in production for accurate shade and physical property results. Shades shown on print material and computer monitors are for general reference only as they are inherently inaccurate due to calibration variations and technical limitations of monitors and printers.