Shade Card

ORCO Organic Dyes and Pigments
colorant solutions for all industries

ORCO MILLING™ Dyes for Nylon & Wool

Shade	Color Index Name	ORCO MILLING™	Solubility	Lightfastness (@ 1% owf)	IIA Wash Test		Crocking		Acid Perspiration	Dry Cleaning	Fastness to Carbonizing	Fastness to Chlorination	Discharge-ability	Barre Coverage	Reserve		
					Shade Change	Staining	Wet	Dry							Cotton	Poly	Acrylic
	Acid Black 24	Black 2BN	40 g/l	6(N) 6(W)	4(N) 3-4(W)	4(N) 3-4(W)	4-5(N) 4(W)	4-5(N) 4-5(W)	4(N) 5(W)	4(N) 5(W)	4	4	3-4	-	4	5	5
	Acid Blue 80	Brilliant Blue BL	40 g/l	5-6(N) 5(W)	4(N) 4-5(W)	4(N) 4-5(W)	5(N) 4(W)	5(N) 5(W)	4-5(N) 5(W)	4-5(N) 5(W)	4	4-5	4	4	4	5	5
	Acid Blue 83	Brilliant Cyanine 6B	30 g/l	2-3(N) 2-3(W)	5(N) 3-4(W)	4-5(N) 3-4(W)	5(N) 4(W)	5(N) 4-5(W)	4(N) 4-5(W)	4-5(N) 4-5(W)	4-5	4-5	4	4	4	5	5
	Acid Blue 90	Brilliant Cyanine G	40 g/l	2(N) 1-2(W)	5(N) 3-4(W)	4-5(N) 3-4(W)	5(N) 4(W)	5(N) 5(W)	4-5(N) 5(W)	4-5(N) 5(W)	4-5	4-5	4	4	4-5	5	5
	Acid Blue 113	Cyanine 3R 125%	30 g/l	5-6(N) 6-7(W)	3-4(N) 4-5(W)	3-4(N) 5(W)	5(N) 2-3(W)	5(N) 4-5(W)	5(N) 5(W)	4-5(N) 4-5(W)	3	3-4	3-4	-	4	5	5
	No CI	Blue RLWS	45 g/l	5-6	4-5	4-5	4-5	5	5	5	4	4-5	4	4	4	5	5
	No CI	Blue 4SR 200% (T)	35 g/l	5-6	3-4	2-3	5	5	3-4	4-5	3-4	3	2	4	4-5	5	5
	Acid Green 19	Green B Conc	30 g/l	3-4(N) 3(W)	3-4(N) 3(W)	3-4(N) 4-5(W)	4-5(N) 4(W)	4-5(N) 5(W)	4(N) 4(W)	4(N) 3-4(W)	4	3-4	3-4	3-4	4	5	5
	Acid Green 41	Green 7GS	30 g/l	6	4-5	5	5	5	4-5	5	4	4	4	4	4-5	5	5
	No CI	Orange 4R-OR 200% (T)	50 g/l	5	4-5	4	4-5	5	4-5	5	4	4-5	3	-	4-5	5	5
	Acid Red 114s	Red RS-W	50 g/l	4	4	4	4	4-5	4	4-5	4-5	4-5	4	4-5	4	5	5
	Acid Red 119	Bordeaux LFS	30 g/l	6(N) 4(W)	5(N) 5(W)	4-5(N) 5(W)	5(N) 4(W)	5(N) 4(W)	4-5(N) 5(W)	4(N) 3-4(W)	4	3	3	4	4-5	5	5
	Acid Red 131	Brilliant Red 3NR	40 g/l	4-5(N) 4-5(W)	2-3(N) 5(W)	3(N) 5(W)	5(N) 5(W)	5(N) 5(W)	4(N) 5(W)	4-5(N) 4-5(W)	4-5	3-4	3-4	4	4-5	5	5
	Acid Red 249	Brilliant Red B	35 g/l	4(N) 3(W)	4-5(N) 5(W)	4-5(N) 5(W)	5(N) 3(W)	5(N) 5(W)	4(N) 4(W)	4-5(N) 5(W)	4	3-4	3-4	4	4	5	5
	Acid Violet 48	Brilliant Violet BL 200%	90 g/l	5-6(N) 5-6(W)	4-5(N) 4(W)	4-5(N) 4-5(W)	4-5(N) 4(W)	4-5(N) 5(W)	4-5(N) 4-5(W)	4-5(N) 4-5(W)	-	5	2	4-5	4-5	5	5
	Acid Violet 54	Brilliant Red 10B	50 g/l	4(N) 4(W)	4-5(N) 4-5(W)	4-5(N) 4-5(W)	5(N) 3-4(W)	5(N) 5(W)	4-5(N) 5(W)	4(N) 5(W)	4	4	3	4	4	5	5
	Acid Yellow 44	Yellow 6G	50 g/l	4-5(N) 4-5(W)	5(N) 3-4(W)	5(N) 3-4(W)	4(N) 3-4(W)	5(N) 4-5(W)	4-5(N) 5(W)	4(N) 4(W)	-	5	4	4-5	4-5	5	5
	Acid Yellow 38	Yellow O	40 g/l	5(N) 5(W)	4(N) 3-4(W)	4(N) 3-4(W)	4(N) 4(W)	5(N) 5(W)	4-5(N) 4-5(W0	4(N) 4(W)	4	4	3	4	4-5	5	5
	No CI	Yellow 5G Conc	40 g/l	6(N) 4-5(W)	4-5(N) 2-3(W)	4-5(N) 2-3(W)	4(N) 4(W)	5(N) 5(W)	3(N) 4-5(W)	4-5(N) 3-4(W)	-	4-5	5	4-5	4-5	5	5

(N) = Nylon (W)=Wool (owf) = on weight of fabric

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.

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