




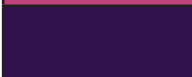







ORCOACID™ Dyes for Wool

Shade	Color Index Name	ORCOACID™	Solubility	Lightfastness (@ 1% owf)	IIA Wash Test		Crocking		Acid Perspiration	Dry Cleaning	Fastness to Carbonizing	Fastness to Chlorination	Dischargeability	Barre Coverage	Reserve		
					Shade Change	Staining	Wet	Dry							Cotton	Poly	Acrylic
	Acid Black 1	Blue Black B Conc	50 g/l	6-7	3	3	3	4	2	4-5	4	1	2-3	-	5	5	5
	Acid Black 2	Nigrosine Jet L Crystals	30 g/l	2	2-3	2-3	3	3	2-3	4	3-4	2	2-3	-	4-5	5	5
	NO Ci	Black SAS 200%	25 g/l	6	3	3	3-4	4	2	4-5	4	1	2-3	-	5	5	5
	Acid Blue 1	Blue V Ex Conc	50 g/l	1	2-3	4-5	4	4-5	4-5	5	4	4-5	4	-	5	5	5
	Acid Blue 7	Blue A 150%	40 g/l	1	5	4-5	4-5	5	3-4	5	4-5	4-5	3-4	3-4	4-5	5	5
	Acid Blue 9	Brilliant Blue FG	60 g/l	1	4	5	4	5	3	5	3	3	4	-	5	5	5
	Acid Blue 25	Alizarine Fast Blue SWA	60 g/l	5	3	2	5	5	3	5	5	-	2	3-4	4-5	5	5
	Acid Blue 40	Sapphire 2GL 200%	50 g/l	5-6	4	3	5	5	4	5	4	3	2	3	5	5	5
	Acid Blue 41	Blue ARA	30 g/l	5-6	2-3	3	4-5	5	3-4	4-5	3-4	1-2	4	3-4	4-5	5	5
	Acid Blue 45	Blue SAP	20 g/l	4-5	3	4-5	5	5	2	4-5	5	2	4	3-4	5	5	5
	Acid Blue 62	Brilliant Alizarine Blue R 150%	25 g/l	6-7	3	3-4	5	5	4	5	3	4	4	4-5	4-5	4-5	4-5
	Acid Blue 72s	Light Blue FGSA	30 g/l	5-6	4	4	4-5	4-5	4	5	4	4	3-4	-	4-5	5	5
	Acid Blue 182	Alizarine Light Blue HRL	30 g/l	5	2	4-5	4-5	5	4	4-5	4	4	3	-	4	5	5
	Acid Blue 185	Fast Turquoise 8G	40 g/l	5-6	2	4-5	4	4-5	4	4-5	-	4	-	-	4	5	5

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					Shade Change	Staining	Wet	Dry							Cotton	Poly	Acrylic
	Acid Green 9	Fast Green B	50 g/l	3-4	3	4	4	5	4	5	3	3	4	-	5	5	5
	Acid Green 16	Napthalamine Green 2G 300%	30 g/l	2	5	5	4	4-5	4	4	5	3	4	-	4-5	5	5
	Acid Green 20	Dark Green A Conc	25 g/l	3	2-3	2-3	4-5	5	4-5	4-5	4	3-4	-	-	4	5	5
	Acid Green 25	Alizarine Cyanine Green GHN	40 g/l	6	5	5	4-5	5	4	5	5	3-4	2-3	-	5	5	5
	Acid Orange 7	Orange A Conc	50 g/l	5	2	2	3-4	4	2	4	4	3	3	-	4-5	5	5
	Acid Orange 10	Orange 2G	50 g/l	4	2	2	4	4	3	4-5	4	3	3	-	4-5	5	5
	Acid Red 1	Phloxine GR 175%	50 g/l	4	2	2	5	5	2	4-5	4	2-3	3	-	4	5	5
	Acid Red 4	Eosine G	40 g/l	4	1-2	2	4	5	3	4-5	4	3	2-3	-	4	5	5
	Acid Red 14	Azo Rubine CWH	45 g/l	3-4	3-4	5	2	4-5	4	4	3-4	5	4-5	-	4	5	5
	Acid Red 18	Brilliant Scarlet 3R-L	40 g/l	1-2	2	4	4	5	2	4-5	5	1-2	5	-	4	5	5
	Acid Red 50 <i>Flourescent</i>	Sulpho Rhodamine G	30 g/l	2	2	3	4-5	5	2-3	4-5	4-5	3	3	-	4-5	5	5
	Acid Red 52 <i>Flourescent</i>	Sulpho Rhodamine B Ex 400%	30 g/l	2-3	3	3	3-4	4-5	2	4-5	4-5	3	3	-	4-5	5	5
	Acid Red 57	Rubine 3GP	50 g/l	5-6	4	4	3-4	4-5	3-4	4-5	4-5	4-5	4-5	-	4-5	5	5
	Acid Red 73	Scarlet MR	50 g/l	3	4	4	4	5	4	4-5	4	1-2	5	-	4-5	5	5
	Acid Red 88	Fast Red A Conc	30 g/l	3	3	2	3	4	2	4-5	4	1-2	5	-	4	5	4
	Acid Red 138	Red C-2B	30 g/l	3-4	5	5	5	5	4-5	4-5	-	3-4	4	4	4-5	5	5
	No Cl	Red B2BN 200% (T)	30 g/l	5-6	3-4	2-3	5	5	4-5	4-5	4	4	4	4-5	4-5	5	5

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					Shade Change	Staining	Wet	Dry							Cotton	Poly	Acrylic
	Acid Violet 1	Violet 2R Conc	30 g/l	3	5	5	5	5	5	5	-	2-3	3	3	4-5	5	5
	Acid Violet 7	Fuchsine 6B Ex Conc	30 g/l	3-4	3-4	4-5	4	4-5	4-5	4-5	-	3	3	3	4	5	5
	Acid Violet 12	Carmine 4B Conc	35 g/l	3-4	3-4	4	4	4-5	4-5	4-5	-	3-4	3	3	4	5	5
	Acid Violet 17	Violet 4B	40 g/l	1	3-4	4-5	4	4-5	4-5	4-5	4	2-3	-	-	4-5	5	5
	Acid Violet 43	Violet WN	20 g/l	3	4	3-4	5	5	3-4	4-5	-	4-5	2	4	5	4-5	5
	Acid Yellow 17	Fast Light Yellow 2G	60 g/l	6	3-4	3-4	4	5	4	4-5	-	3-4	4	4-5	5	5	5
	Acid Yellow 19	Fast Light Yellow R	60 g/l	4-5	5	4-5	4	4-5	4-5	4-5	-	4	3	4-5	5	5	5
	Acid Yellow 23	Tartrazine X 100%	60 g/l	4	2	2	4	5	3	4-5	4-5	2-3	4-5	-	5	5	5
	Acid Yellow 184 <i>Flourescent</i>	Brilliant Flavine 8GN	40 g/l	2	4	4	4-5	5	5	5	-	3-4	3	4-5	5	5	5
	No Cl	Yellow G2GN 200%	50 g/l	5-6	4	4-5	4-5	5	5	5	-	3	3	4	4-5	5	5
	No Cl	Fast Light Yellow 3G	70 g/l	6	4-5	4-5	5	5	3-4	5	-	3-4	3-4	4	5	5	5

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.