


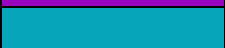



Prospective OrcoAluminum™ Dyes for Anodized Aluminum*

Shade	OrcoAluminum™	Concentration	Lightfastness	Optimum pH	Description
	Yellow OD	2 g/l	Excellent	5.5-5.8	Metalized Azo
	Yellow LS New	2 g/l	Excellent	5.5-5.8	Metal-Free Azo
	Orange 3A	2 g/l	Very Good	5.5-5.8	Metal-Free Azo
	Orange ORL	2 g/l	Good	5.5-5.8	Metal-Free Azo
	Pink B New	2 g/l	Good	5.5-5.8	Metalized Azo
	Fiery Red New	2 g/l	Excellent	5.5-5.8	Metal-Free Azo
	Red O3W	5 g/l	Very Good	5.5-5.8	Metal-Free Azo
	Violet O3D	2 g/l	Fair	5.5-5.8	Metal-Free Azo
	Turquoise OLW	1 g/l	Excellent	5.5-5.8	M.F. Anthraquinone
	Blue O2LW	1 g/l	Very Good	5.5-5.8	M.F. Anthraquinone
	Blue OG	2 g/l	Very Good	5.5-5.8	Metalized Azo
	Green OEN	4 g/l	Very Good	5.5-5.8	Metalized Azo
	Green OX	2 g/l	Very Good	5.5-5.8	Metal-Free Azo
	Olive DRB New	2 g/l	Very Good	5.5-5.8	M.F Anthraquinone
	Bronze	2 g/l	Good	5.5-5.8	Metalized Azo
	Brown OL	2 g/l	Good	5.5-5.8	Metalized Azo
	Brown OR	2 g/l	Very Good	5.5-5.8	M.F Anthraquinone
	Grey OL	2 g/l	Excellent	5.5-5.8	Metalized Azo
	Black OD-MLW	10 g/l, 2g/l	Excellent	4.5-5.6	Metalized Azo
	Black O-BK	10 g/l, 2g/l	Excellent	5.2-5.8	Metalized Azo
	Ultra Black ODB	10 g/l, 2g/l	Excellent	5.2-5.8	Metalized Azo
	Ultra Black OHH	10 g/l, 2g/l	Excellent	5.2-5.8	Metalized Azo
	Ultra Black OHB	10 g/l, 2g/l	Excellent	5.2-5.8	Metalized Azo

***All OrcoAluminum™ Dyes are RoHS Compliant**

? Don't see a shade you need? ORCO provides expert shade matching and shade development services.

Actual dye samples must be evaluated in a laboratory in the chemical system or medium in which they are to be used 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. Date: 11/19 RY