



329-A Chromium Oxide Green

Description: 329-A is a high quality, clean, medium shade, very stable green pigment that is unaffected by acids, alkalis and solvents. 329-A is heat stable and offers excellent value, lightfastness and weatherability. FDA approved (Section 178.3297).

Chemical Type	Chromium Oxide Green	Constitution No.	77288
Color Index	Pigment Green 17	CAS No.	1308-38-9

Resistance Properties

MEK	5	Ethanol	5
Water	5	Ethyl Acetate	5
Mineral Spirits	5	Acid	5
Xylene	5	Alkali	5

Legend: 1=Poor, 2=Fair, 3=Good, 4=Very Good, 5=Excellent

Product Characteristics

Migration (1-5)	5	Lightfastness (1-8): Masstone	8
Heat Stability (°C/°F)	982°C (HDPE)	Lightfastness (1-8): Tint 1:10	8
Warpage Rating (1-3) * Plastic Only	1	Weatherfastness (1-5): Masstone	8
Overpaint Resistance * Paints Only	5	Weatherfastness (1-5): Tint 1:10	8

Warpage: 1 = minimal, 2 = some, 3 = severe Weatherfastness: 1=Poor, 2=Fair, 3=Good, 4=Very Good, 5=Excellent Lightfastness: 1-2=Poor, 3-4=Fair, 5=Good, 6-7=Very Good, 8=Excellent

Physical Properties

Particle Size (µm)	1.5-1.8	pH	3.0-5.0
Specific Surface Area (m²/g)	2.0 - 3.0	Specific Gravity	5.1
Oil Absorption (g/100g)	15-25	Bulk Density (kg/L)	
Volatile Content (%)	< 0.30	Melting Point	2300°C
Solubility in Water	Insoluble	Sieve Residue (325 Mesh)	< 0.3

Applications

Plastics		Coatings		Inks		Other	
PVC	■	Decorative	■	Water Flexo		Paper	
PE	■	Automotive/Aerospace	■	Solvent Flexo		Rubber	
PP	■	Industrial	■	InkJet		Finger Paints	
PS	■	Powder	■	UV		Seed Coatings	
PET	■			Offset			

Fiber

Not Frequently Used Limited Recommended

Comments: This pigment is also recommended for the construction industry.

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