



329-A Chromium Oxide Green

C. I. Pigment: Green 17

C. I. NO.: 77288

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.

Applications

329-A is recommended primarily for coatings and plastics. It is also recommended for the construction industry. 329-A is FDA approved (Section 178.3297).

Typical Chemical & Physical Properties

Formula	Cr ₂ O ₃
Molecular Weight	152.01
Appearance	Green Powder
Specific Gravity	5.1
Melting Point	4172°F / 2300°C
Solubility in Water	Insoluble
Purity (Cr ₂ O ₃) (Min)	99.0%
Moisture (Max)	< 0.3%
Loss on Ignition	0.5%
Water Soluble	< 0.3%
Oil Absorption (g oil/100g)	15 - 25
Resistance to Acids, Caustics, Solvents (1 - 5)	5
Sieve Residue (325 Mesh)	< 0.3%
Surface area (g/m ²)	2 - 3
pH	3 - 5
Heat Stability	1800°F / 982°C
Lightfastness - Masstone & Tint (1 - 8)	8

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