



333 Chromium Oxide Green

C. I. Pigment: Green 17

C. I. NO.: 77288

Description

333 is a high quality, clean, light to medium shade, very stable green pigment which is unaffected by acids, alkalis and solvents. 333 is heat stable and offers excellent value, lightfastness and weatherability.

Applications

333 is recommended primarily for coatings and plastics. It is also recommended for the construction industry. 333 is FDA approved (Section 178.3297).

Typical Chemical & Physical Properties

Formula	Cr ₂ O ₃
Molecular Weight	152.01
Appearance	Green Powder
Specific Gravity	~ 5.10
Solubility in Water	Insoluble
Purity (Cr ₂ O ₃) Min.	98.0%
Moisture (Max)	≤ 0.15%
Oil Absorption (g oil/100g)	15 - 25
pH	6.0 - 8.0
Sieve Residue (325 mesh)	≤ 0.3%
Water Soluble Matter (Max)	0.20%
Melting Point	4172°F / 2300°C
Particle Size (microns)	1.5 - 1.8
Resistance to Acids, Caustics, Solvents (1-5)	5
Heat Stability	1800°F / 982°C
Lightfastness - Masstone & Tint (1-8)	8

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