



## 301 Chromium Oxide Green Lt.

C. I. Pigment: Green 17

C. I. NO.: 77288

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### Description

301 is a high quality, clean, yellow shade, very stable, green pigment that is unaffected by acids, alkalis and solvents. 301 is heat stable and offers excellent value, lightfastness and weatherability.

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### Applications

301 is recommended primarily for coatings and plastics. It is also recommended for use in the construction industry. 301 is FDA approved (Section 178.3297).

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### Typical Chemical & Physical Properties

Formula	Cr <sub>2</sub> O <sub>3</sub>
Molecular Weight	152.01
Appearance	Green Powder
Specific Gravity	5.1
Melting Point	4172°F / 2300°C
Solubility in Water	Insoluble
Purity (Cr <sub>2</sub> O <sub>3</sub> ) (Min)	99.0%
Moisture (Max)	≤ 0.50%
Loss on Ignition	≤ 0.05%
Water Soluble	≤ 0.30%
Oil Absorption (g oil/100g)	≤ 18.0
Resistance to Acids, Caustics, Solvents (1 - 5)	5
Sieve Residue (325 Mesh)	≤ 0.10%
Particle Size (Microns)	0.8 - 1.0
pH	6 - 8
Heat Stability	1800°F / 982°C
Lightfastness - Masstone & Tint (1 - 8)	8

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