



## 361 Chromium Oxide Green

C. I. Pigment: Green 17

C. I. NO.: 77288

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### Description

361 is a dark shade, very stable, green pigment that is unaffected by acids, alkalis and solvents. 361 is heat stable and offers excellent value, lightfastness and weatherability.

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### Applications

361 is recommended for coatings, plastics and for use in the construction industry primarily for architectural applications.

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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
Solubility in Water	Insoluble
Melting Point	4172°F / 2300°C
Purity (Cr <sub>2</sub> O <sub>3</sub> )	99%
Moisture (Max)	< 0.2%
Loss on Ignition	< 0.3%
Water Soluble	< 0.5%
Oil Absorption (g oil/100g)	15 - 25
Resistance to Acids, Caustics, Solvents (1 - 5)	5
Sieve Residue (325 Mesh)	< 0.3%
pH	6 - 7
Surface Area (g/m <sup>2</sup> )	3.4%
Tint Strength	95 - 105%
Particle Size (Microns)	2.0 - 2.8
Heat Stability	1800°F / 982°C
Lightfastness - Masstone & Tint ( 1 - 8)	8

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