

Chrome Oxide Green

Version 2026-10-22b · Revision 2026-10-22

C.I. Name	Pigment Green 17	C.I. No.	77288
CAS No.	1308-38-9	Chemical Group	Chromium Sesquioxide (Cr ₂ O ₃)

Product Description

Chrome Oxide Green G is an inorganic green pigment made by reducing alkali chromates obtained from chrome iron ore to chromic oxide under very high processing temperatures. This produces a pigment of high degree of durability, particle hardness and a spherical shape.

Chrome Oxide Green G is color stable in processing temperatures up to 1000C (1832F). It is also stable under exposure to sunlight and UV radiation and are alkali, chemical and weather resistant.

Applications

- Floor Coating / Industrial Coating
- Plastics / Rubber
- Concrete / Stucco / Plaster
- Adhesives

Packing Information

25kg / Paper Bag; 1000kg / Palleted; 20 tons / 20ft FCL

Physical Data

Density (g/cm ³)	5.2
Form of supply	Green Powder
Oil absorption (g/100 g)	12-20
Moisture (%)	≤0.20
pH value	5.0-7.0
Heat stability	1000°C / 1832°F
Content (%)	≥99
Hue	Deep shade Green
Water-soluble matter (%)	≤0.50
Mesh residue	≤0.30% (325 Mesh)
Average particle size	0.45µm
Particle shape	Spherical

All the information above is based on data obtained at laboratory and is not to be used for certifying the suitability of the product. Users are advised to test the product in their own system before purchase.

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Applications

Coatings

Industrial Coating	●
Decorative Coating	●

Plastics

PVC	●
PE/PP/PO	●
ABS	●
PS	●
PA	●
Rubber	●

● Recommended ○ Limited suitability – Not recommended

Packaging, Shipping & Storage

Chrome Oxide Green is supplied as green powder. The product is packed in 25 kg paper bag and shipped on pallets of 1000 kg. Store under normal temperatures, dry and protected from weather. Shelf life: 5 years from manufacturing date.

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