

Chrome Oxide Green

Chromium(III)-oxide green pigment for qualified coating, ceramic and construction-material systems.

CAS No. 1308-38-9	EC / List No. 215-160-9	Transport Non-dangerous goods
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Product Information

Chromium(III)-oxide green pigment for qualified coating, ceramic and construction-material systems.

Specifications

Parameter	Specification
Appearance	Green crystalline powder
Assay	≥99.0 %
Moisture	≤0.2 %
Water-soluble salts	≤0.3 %
Oil absorption	15–25 %
Residue on 325 mesh	≤0.2 %
Hexavalent chromium, old TDS stated value	3 ppm
Relative tinting strength	100±5

Supply limits follow the local technical reference. The stated 3 ppm hexavalent-chromium value has no explicit maximum sign in that reference; use the agreed test method and reporting basis.

Typical Properties

Property	Typical Value
Molecular formula	Cr ₂ O ₃
Molecular weight	151.99 g/mol

Applications

Paint and construction pigmentation: Green inorganic pigment for qualified paints and construction-material coloration.

Ceramic and refractory systems: Chromium(III)-oxide ingredient for selected glazes and refractory compositions.

Plastic and industrial colour blends: Pigment for selected plastic and other industrial colour systems.

Packaging / Storage

Item	Information
Packing	25 kg bags
Storage	Store tightly closed in a cool, dry, well-ventilated place. Protect from moisture, excessive heat, direct sunlight and incompatible chemicals.
Handling	Provide effective ventilation during powder transfer. Wear suitable protective gloves, safety goggles and work clothing. Avoid airborne dust, ingestion and unnecessary skin or eye contact.

Company Contact

Supplier	Hainan Zhongxin Chemical Co., Ltd. (ZXCHEM)
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