

DELIKEOXIDE® EG-99 — ELECTRONIC GRADE CHROME OXIDE GREEN

Cr₂O₃ · CAS 1308-38-9 · EC 215-160-9 · VerdeChrome · Rev 2026-09

1. PRODUCT DESCRIPTION

Washed low-alkali electronic-grade chromium(III) oxide for volume electronic-ceramic production.

2. TYPICAL SPECIFICATIONS

Parameter	Specification
Cr ₂ O ₃ content	Cr ₂ O ₃ ≥ 99.2 %
Sodium (Na ₂ O)	Na ₂ O ≤ 100 ppm
Iron (Fe)	Fe ≤ 200 ppm
Calcium + Magnesium (CaO + MgO)	≤ 80 ppm
Magnetic impurities	≤ 5 ppm
Particle size (D50)	0.6–1.5 μm
Loss on ignition (1000 °C)	≤ 0.2 %
Cr(VI)	Not detected

3. APPLICATIONS

MLCC dielectric doping, thick-film pastes, varistor dopants, thermal spray powders.

4. STORAGE & SAFETY

Store in closed containers in a dry place. Avoid dust generation; observe the SDS (VerdeChrome-Cr2O3-SDS.pdf). Product is stable and non-flammable.

The data above are typical values and are provided for guidance. A certificate of analysis accompanies every production lot. © Xi'an Delike Chemical Co., Ltd.
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