

# PIGMENT GRADE

# KROXIDE<sup>III</sup> GP

Chrome Oxide Green



## CHROMIUM OXIDE PIGMENT GRADE

### Technical Data and Specifications

A light green powder of fine particle size, insoluble in water and stable in ambient conditions. Principal use as green pigment for colouring building materials and plastics, also as a refractory.

Used because of its chemical and temperature stability, resistance to fading in light and non-warping characteristics in moulded plastics.

CAS No.	1308-38-9
EC No.	215-160-9
Chemical Formula	Cr <sub>2</sub> O <sub>3</sub>
Molecular Weight	152.02
Melting Point	2435°C
Density	5.2gcm <sup>-3</sup>

Packaging – Available in 1000kg bags or 40 x 25kg bags, palletised.

### Specification and typical parameters

Parameters	Specification	Typical Values
Cr <sub>2</sub> O <sub>3</sub>	99.0 Min.	99.3
H <sub>2</sub> O	0.15 Max.	0.10
Soluble Salts	0.20 Max.	0.10
Residue on 63 micron sieve	0.20 Max.	0.05
Specific surface area (BET) m <sup>2</sup> g <sup>-1</sup>		4
Particle size d50 microns		2



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