

KROXIDE^{III} M

Chrome Oxide Green



CHROMIUM OXIDE METALLURGICAL GRADE

Technical Data and Specifications

A dark green powder of large particle size and high chemical purity. Insoluble in water and stable in ambient conditions. Principal use as a raw material for the manufacture of chromium metal.

CAS No.	1308-38-9
EC No.	215-160-9
Chemical Formula	Cr ₂ O ₃
Molecular Weight	152.02
Melting Point	2435 ^o c
Density	5.2gcm ⁻³

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

Specification and typical parameters

Parameters	Specification	Typical Values
Cr ₂ O ₃	99.0 Min.	99.0
H ₂ O	0.10 Max.	0.01
FeO	0.10 Max.	0.05
SiO ₂	0.10 Max.	0.04
S	0.01 Max.	0.005
C	0.01 Max.	0.005
Specific surface area (BET) m ² g ⁻¹		0.5
Particle size d50 microns		12

