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PROFESSIONAL IN CHEMICAL SINCE 1997

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Chromium Oxide powder CAS 1308-38-9

Description of Chromium Oxide powder

1.Molecular Formula: Cr2O3

2. Molecular Mass: 151.99

3. Boiling Point: 3000°c

4. Melting Point: 2265°c

5. Mohs' hardness: 8.5-9

6. Appearance: dark or light green powders for chromium oxide

Specification of Chromium Oxide powder

Items	Specification					
	Pigment Grade			Griding Grade		
	premium grade	first grade	salable product	premium grade	first grade	salable product
Cr2O3 % ≥	99.0	98.0	97.0	99.0	98.0	97.0
Moisture % ≤	0.15	0.30	0.50	0.15	0.30	0.50
Water soluble matter % ≤	0.1	0.4	0.7	0.2	0.4	0.7
PH value	6-8	5-8		-----		
Oil absorption	15-25g/100g			≤ 20g/100g	25g/100g	
Tint	as standard			-----		
Coloring Strength	as standard			-----		
Residue (45um) % ≤	0.1	0.3	0.5	0.3	0.5	75um 0.5

Packing of Chromium Oxide powder

Chromic oxide green is packed into 25 kg polyethylene bags. Usually the bags are palletized.

Other types of packaging allowed after agreement with customer. The packaging must protect the quality and safety during the transport.

Storage of Chromium Oxide powder

Chromic oxide green should be stored in tight-closed packages in a dry and ventilated places, in conditions securing product quality and protecting from direct sunlight and moisture. If the product is stored in opened packages, it can absorb the moisture from the ambient air.

