

Manganese Dioxide Powder



APS
40-50 μ m

NS6130-05-543



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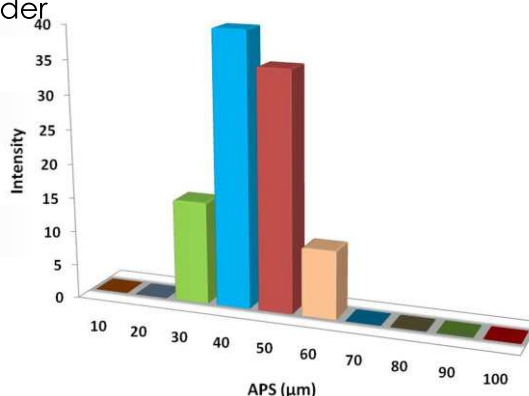
Manganese Dioxide Powder

Manganese dioxide is a black-brown solid and it occurs naturally with the formula MnO_2 . Manganese dioxide (MnO_2), also known as pyrolusite when finding in nature and the principal ore of manganese dioxide is pyrolusite which was known to the ancients as a pigment. It is the only indispensable compound of quadripositive manganese.

Manganese oxide is actually an inorganic compound and like many other monoxides, it has a rock salt structure. Because of the rock-like structure, it exhibits both the cations and anions are octahedrally coordinated. Manganese oxides can act as important adsorbents of phosphate in natural waters and surface sediments. Two useful applications of the scavenging ability of Mn oxide minerals are as geochemical exploration tools and purification agents for drinking water.

Quick Facts

Product	:	Manganese Dioxide Powder
Stock No	:	NS6130-05-543
CAS	:	1313-13-9
Purity	:	99%
Color	:	Black
Form	:	Powder



Technical Specification

Formula	APS	Molecular Weight	Melting Point
MnO_2	40-50μm	86.9368 g/mol	535 °C

Chemical Composition

Product	Weight Percent (nominal)	
	MnO_2	Other Metal
Manganese Dioxide Powder	99%	0.1%

Applications

- Batteries
- Glass
- Enamels
- Pottery

INTELLIGENT MATERIALS PVT LTD
Derabassi
Punjab (140507)
INDIA

+91 9779 550077, 9779238252

NANOSHEL UK LIMITED
Chapel House,
Chapel St Cheshire,
CW12 4AB United Kingdom

+44 1782 454 144, +44 74 105 48802

NANOSHEL LLC
3422 Old Capitol Suit
1305 Wilmington DE - 19808
United States

+1 646 470 4911

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