

Manganese II III

Oxide Powder



NS6130-05-501

APS
40-50 μ m



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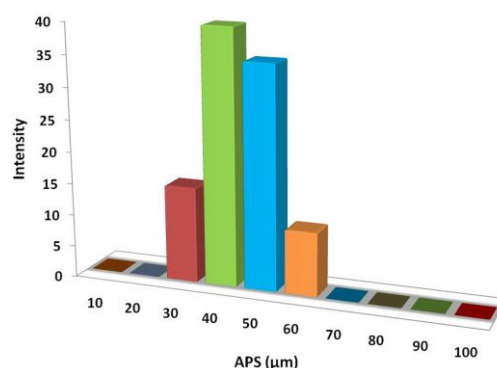
Manganese II III Oxide Powder

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.

Manganese oxide is applied in fertilizers and food additives due to its effectiveness in the fertilizer industry. Furthermore, manganese oxide is utilized as a catalyst in the production of allyl alcohol, paints, colored glass, ceramics etc. It is also employed in production of special Al alloys, Mn chemicals, water-purifying agents, plant fertilizers, additives to livestock feed, colorant for bricks, and in batteries.

Quick Facts

Product	:	Manganese II III Oxide Powder
Stock No	:	NS6130-05-501
CAS	:	1317-35-7
Purity	:	99%
Color	:	Brownish Black
Form	:	Powder



Technical Specification

APS	Molecular Weight	Melting Point	Boiling Point
40-50μm	228.812 g/mol	1567 °C	2847 °C

Chemical Composition

Product	Weight Percent (nominal)
Manganese II III Oxide Powder	99%

Applications

- Catalyst
- Allyl alcohol
- Paints
- Colored glass
- Ceramics
- Batteries

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20ZICE4589C



19ZAZGO1274G



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