NANOSHEL
Creating Miracles in Black

MANGANESE OXIDE NANOPOWDER

Purity
99.9%

MnO

NS6130-03-389

NEXT

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MANGANESE OXIDE NANOPOWDER

Manganese oxide nanoparticles have immense application in distinct fields. These nanoparticles utilize as anode material in lithium-ion batteries for their environment benignity, low cost, and special properties. Now the nanostructures of manganese oxides with various morphologies and excellent properties have been synthesized successfully.

These nanoparticles are utilized in various industries owing to its shapes, size and phases can be modified. It also shows magnetic, electric and catalytic properties. This compound has wide applications in catalysis, molecular adsorption, biosensor, ion exchange, biosensors, and energy storage devices. These nanoparticles are utilized in various fields for instance in coatings, textile industry, in biosensors, etc. These are also employed as magnetic nanoparticles for magnetic storage data and magnetic resonance imaging (MRI).

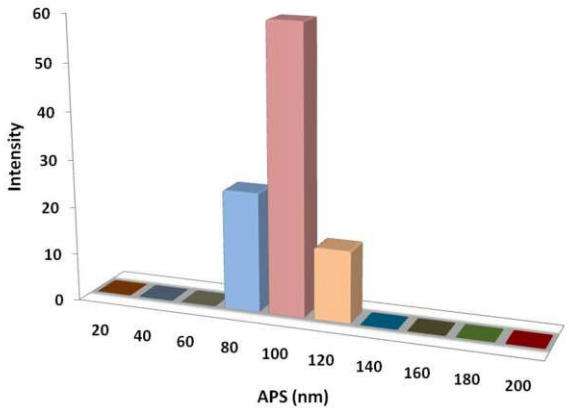
Quick FACTS

Product	:	Manganese Oxide Nanopowder
Stock No	:	NS6130-03-389
CAS	:	1344-43-0
Color	:	Black
Form	:	Powder
Symbol	:	MnO
Group	:	Manganese 7/Oxygen 16

Electronic Configuration:

Manganese [Ar] 3d5 4s2

Oxygen [He] 2s2 2p4



ADDITIONAL POWDER CHARACTERISTICS

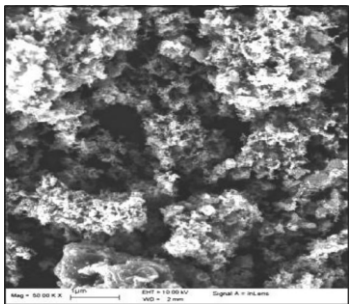
Stock No.	Purity	APS
NS6130-03-389	99.9%	<80nm

TECHNICAL SPECIFICATION

Molecular Formula	Molecular Weight	Density	Melting Point
MnO	70.9374 g/mol	5.43 g/cm³	1945 °C

CHEMICAL COMPOSITION

Product	Weight Percent (nominal)	
	MnO	Other Metal
Manganese Oxide Nanopowder	99.9%	1000ppm



APPLICATIONS

> Electronic components

> Bleaching agent

> Catalyst

> Voltage sensitive material

> For magnetic data storage

20ZICE4589C

19ZAZGO1274G

20ZICE4588M

ISO 9001:2015
CERTIFIED COMPANY

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