

NS6130-02-228

MANGANESE IRON OXIDE

Nanoparticles

Quick Facts

Product	:	Manganese Iron Oxide Nanoparticles
Stock No	:	NS6130-02-228
CAS	:	12063-10-4
Molecular Formula	:	MnFe ₂ O ₄
Form	:	Powder

Purity
99.9%

Technical Specification

Molecular Weight	Density	Melting Point	APS
230.63 g/mol	5.36 g/cm ³	>300 °C	60nm

Manganese Iron Oxide is a chemical compound with the formula of MnFe₂O₄. It appears as green powder at room temperature and it is insoluble in water. To reduce volatile organic compounds (VOCs) levels in air emission Manganese Iron Oxide nanoparticles are used as catalysts. By using Manganese Iron Oxide nanoparticles for this purpose, concentration of volatile organic compounds (VOCs) reduces up to part per billion (ppb) concentrations.



Application

- ✓ To absorb radio nucleotides
- ✓ For magnetic data storage and magnetic resonance imaging (MRI)
- ✓ In biosensors, coatings, plastics, nanowires, nanofibers, and textiles
- ✓ In biogenic and bioscience applications

MnFe₂O₄
APS 60nm



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20ZICE4589C



19ZAZGO1274G



20ZICE4588M

ISO 9001:2015
CERTIFIED COMPANY

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