

GADOLINIUM OXIDE NANOPOWDER

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f @ X in

99.9%
Purity

100nm
APS

Gd₂O₃

NS6130-03-313

Gadolinium(III) oxide, with the chemical formula Gd₂O₃, is a compound consisting of gadolinium and oxygen. Gadolinium(III) oxide exhibits strong magnetic properties, making it useful in various magnetic applications, including magnetic resonance imaging (MRI) and magnetic refrigeration. Gadolinium compounds, including gadolinium(III) oxide, are widely used as contrast agents in MRI scans.

QUICK FACTS

CAS : 12064-62-9
Purity : 99.9%
APS : 100nm
Form : Powder

TECHNICAL SPECIFICATION

Molecular Formula : Gd₂O₃
Molecular Weight : 362.50g/mol

APPLICATIONS

- Electronics
- Catalysis
- MRI Contrast Agents
- Ceramics
- Magnetic Properties
- Nuclear Reactor Shielding



ISO 9001:2015
CERTIFIED COMPANY

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