

NS6130-12-002348

MANGANESE ALUMINIUM Diboride Powder

Quick Facts

Product	:	Manganese Aluminium Diboride Powder
Stock No	:	NS6130-12-002348
Form	:	Powder
Purity	:	99.9%

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99.9%

Technical Specification

Molecular Weight	Molecular Formula
158.47g/mol	Mn ₂ AlB ₂

Manganese Aluminum Diboride (MnAlB₂) powder, comprising manganese, aluminum, and boron, displays superconducting properties at low temperatures, rendering it useful in applications like superconducting magnets and MRI systems. With its blend of superconductivity, stability, and conductivity, MnAlB₂ finds applications in electronics, energy, aerospace, and manufacturing.

Mn₂AlB₂

Applications

- Cutting Tools
- Wear Resistant Coatings
- High-Temperature Applications
- Additive Manufacturing
- Electrical and Thermal Conductivity



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20ZICE4589C



19ZAGO1274G



20ZICE4588M

ISO 9001:2015
CERTIFIED COMPANY

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