

NS6130-12-000933

MOLYBDENUM DISILICIDE Nanoparticles

Quick Facts

Product	:	Molybdenum Disilicide Nanoparticles
Stock No	:	NS6130-12-000933
CAS	:	12136-78-6
Molecular Formula	:	MoSi ₂
Form	:	Powder

Purity
99.9%

Technical Specification

Molecular Weight	Density	Melting Point	APS
152.11 g/mol	6.3 g/cm ³	1870-2030 °C	80-100nm

Molybdenum disilicide (MoSi₂) is a promising candidate material for high temperature structural applications. Molybdenum disilicide (MoSi₂, or molybdenum silicide), an intermetallic compound, a silicide of molybdenum, is a refractory ceramic with primary use in heating elements.

- Composite ceramics
- Heating elements
- Constituent of glow plugs for engines
- Raw material for MoSi₂ sputter targets (PVD)

MoSi₂

APS 80-100nm



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