

**NS6130-12-000933**

# MOLYBDENUM DISILICIDE Nanoparticles

## Quick Facts

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

**Purity**  
**99.9%**

## Technical Specification

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

Molybdenum disilicide (MoSi<sub>2</sub>) is a promising candidate material for high temperature structural applications. Molybdenum disilicide (MoSi<sub>2</sub>, 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 MoSi<sub>2</sub> sputter targets (PVD)

# MoSi<sub>2</sub>

**APS 80-100µm**



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20ZICE4589C



19ZAZGO1274G



20ZICE4588M

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CERTIFIED COMPANY

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