

**NS6130-12-002356**

## Quick Facts

Product	:	Molybdenum Niobium Aluminium Carbon Powder
Stock No	:	NS6130-12-002356
Form	:	Powder
Purity	:	99.9%

# MOLYBDENUM NIOBIUM Aluminium Carbon Powder

**Purity**  
99.9%

## Technical Specification

Molecular Weight

440.37g/mol

Molecular Formula

Mo<sub>2</sub>Nb<sub>2</sub>AlC<sub>3</sub>

Mo<sub>2</sub>Nb<sub>2</sub>AlC<sub>3</sub> is a MAX phase compound with hybrid metallic and ceramic properties, offering potential applications in aerospace, electronics, and materials science. Its high-temperature stability, mechanical strength, and thermal conductivity make it promising for components like turbine blades, electronic packaging, and coatings for wear resistance.

# Mo<sub>2</sub>Nb<sub>2</sub>AlC<sub>3</sub>

## Applications

- Aerospace Industries
- Electronic Packaging
- Coatings and Surface Treatments
- Energy Storage and Conversion
- Electronics and Semiconductor Manufacturing
- High-Temperature Applications
- Ceramics and Composites



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20ZICE4589C



19ZAGO1274G



20ZICE4588M

ISO 9001:2015  
CERTIFIED COMPANY

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