

SILICON ALUMINUM Oxynitride

NS6130-12-000868

Quick Facts

Product	:	Hafnium Micropowder
Stock No	:	NS6130-12-000868
CAS	:	112760-32-4
Molecular Formula	:	Al ₆ N ₆ O ₂ Si
Form	:	Powder

Technical Specification

Molecular Weight	APS
306.01g/mol	30-50µm

Silicon aluminum oxynitride (SiAlON) is a versatile, durable ceramic known for its hardness and thermal stability. It's used in cutting tools, refractory materials, ceramic bearings, and electronics. Its wear resistance and insulating properties make it essential for high-performance applications and advanced manufacturing.

Application:

- Cutting tools
- Refractory materials
- Ceramic bearing
- Electronics



Al₆N₆O₂Si

APS 30-50µm

