

## NS6130-12-000868

### Quick Facts

Product	:	Hafnium Micropowder
Stock No	:	NS6130-12-000868
CAS	:	112760-32-4
Molecular Formula	:	Al <sub>6</sub> N <sub>6</sub> O <sub>2</sub> 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



## AI6N6O2Si

APS 30-50µm



ISO 9001:2015  
CERTIFIED COMPANY

**INTELLIGENT MATERIALS PVT LTD**  
Derabassi  
Punjab (140507)  
INDIA

+91 9779 550077, 9779238252

**NANOSHEL UK LIMITED**  
Chapel House,  
Chapel St Cheshire,  
CW12 4AB United Kingdom

+44 (0) 74 105 488, +44 203 137 5187

**NANOSHEL LLC**  
3422 Old Capitol Suit  
1305 Wilmington DE - 19808  
United States

+1 646 470 4911