

# BORON NITRIDE POWDER

Stock No: NS6130-05-511

BN



Follow us:



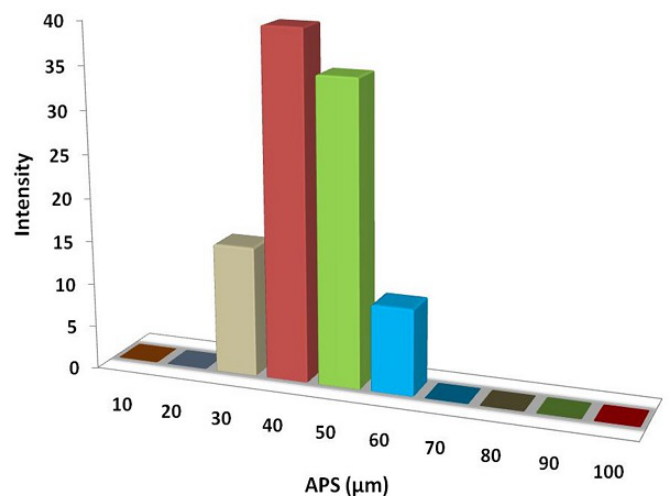
| [www.nanoshel.com](http://www.nanoshel.com) | [sales@nanoshel.com](mailto:sales@nanoshel.com)

## Boron Nitride Powder

Boron nitride have become a material of significant interest due to their unique combination of advanced synthetic combines a number of useful thermal, electrical, physical and chemical properties in one unique material. Due to this range of unique properties Boron Nitride powders find use in a broad range of applications ranging from electronics, aerospace, oil and gas, ceramic manufacturing and cosmetics. This combination of properties makes boron nitride an attractive material for use in wide-ranging markets from aerospace to automotive and defense to biomedical.

### Quick Facts

Product	:	Boron Nitride Powder
Color	:	White
Stock No	:	NS6130-05-511
CAS	:	10043-11-5
Purity	:	99%
APS	:	40-50 $\mu$ m



## Technical Specification

Molecular Formula	Molecular Weight	Density	Melting Point
BN	24.82g/mol	1.9-2.1g/cm <sub>3</sub>	2973 °C

## Applications

- Refractories and refractory coatings
- Mold and die release
- Metal/ceramic and ceramic/matrix composites
- Lubricants with incidental food contact

ISO 9001:2015  
CERTIFIED COMPANY



2021CE4589C



192AZG01274G



2021CE4588M

### 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 1782 454 144, +44 74 105 48802

### NANOSHEL LLC

3422 Old Capitol Suit  
1305 Wilmington DE - 19808  
United States

+1 646 470 4911

