

**NS6130-12-000297**

## Quick Facts

|                   |   |                             |
|-------------------|---|-----------------------------|
| Product           | : | Boron Nitride Nanoparticles |
| Stock No          | : | NS6130-12-000297            |
| CAS               | : | 10043-11-5                  |
| Molecular Formula | : | BN                          |
| Form              | : | Powder                      |

# BORON NITRIDE Nanoparticles

**Purity**  
99.9%

## Technical Specification

| Molecular Weight | Density              | APS       |
|------------------|----------------------|-----------|
| 24.82g/mol       | 2.1g/cm <sup>3</sup> | 300-400nm |

Boron nitride is a thermally and chemically resistant refractory compound of boron and nitrogen with the chemical formula BN. Boron nitride (BN) is a heat and chemical resistant crystalline compound with refractory properties composed of boron and nitride. Because it exists in multiple polymorphs, BN has evolved as a highly useful compound, finding its purpose in a wide range of industries and applications.

- Equipment in high-heat environments: used to improve the lubricating properties of rubber, plastic, alloys, and ceramics.
- Semiconductor industry

**BN**  
APS 300-400nm



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