

Boron Nitride Nanopowder

- **Properties and features**

This product has high purity, small and uniform particle diameter, large specific surface area, high surface activity, low loose loading density. Its properties are similar to those of graphite. It has excellent electric insulativity, thermal conductivity and chemical resistance.

- **Applications**

Structural material in atomic reactor, spout of plane, rocket engine, high temperature solid lubricant and many kinds of parting agent of precision molding products. High temperature resistant, anticorrosive boron nitride and boron nitride compound ceramics, synthesize cubic boron nitride. Compression resistant and high temperature resistant lubricating grease. All kinds of high temperature resistant, anticorrosion coating. Insulator for high pressure high frequency electricity and plasma arc. Oxidating additive for refractory materials.

Product Name: Boron Nitride Nanopowder

Color: Brown

Purity ≥ 99%

B₂O₃ content: 0.13%

CaO content: 0.003%

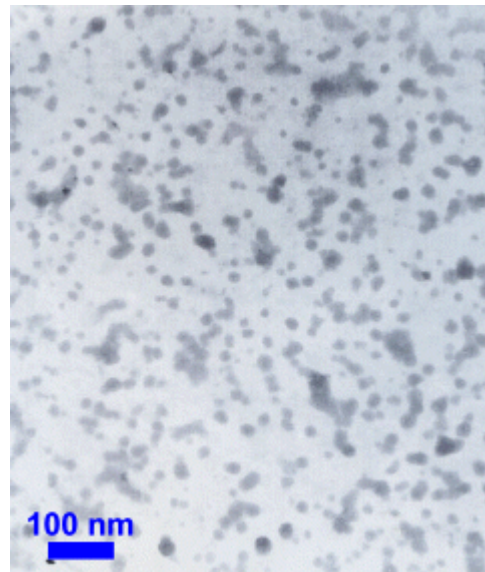
Fe₂O₃ content: 0.04%

MgO content: 0.04%

Morphology: spherical

Average Particle Size: 50nm

Effective Duration: 24 months



TEM photo