

CUBIC BORON NITRIDE NANOPOWDER

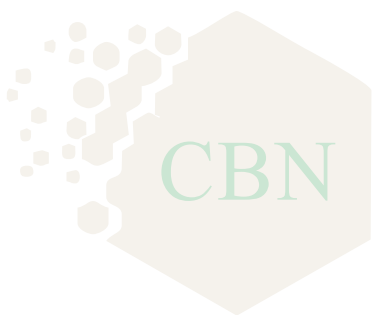
Boron nitride exists in multiple forms that differ in the arrangement of the boron and nitrogen atoms, giving rise to varying bulk properties of the material. Carbon boron nitride (c-BN) does not exist in nature but it is a novel substance created by human. It is synthesized under high pressure and high temperature just like diamond counterpart and has the wurzite crystal structure.

It is a very good electrical insulator and offers very high thermal conductivity and good thermal shock resistance.



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APPLICATIONS

- ✓ High thermal conductivity
- ✓ Excellent wear resistance
- ✓ Good chemical inertness
- ✓ CVD crucibles and microwave tubes







SPECS

- ✓ Purity: 99.9%
- ✓ Molecular Formula: CBN
- ✓ Form: Powder
- ✓ Color: Black/Gray
- ✓ Solubility: Insoluble in water

All types of particles size are available in micro and nano range.

CATALOGUE NO.
• NS6130-02-214







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