

# CARBON DOPED Boron Nitride NANOTUBES

## Quick Facts

<b>Product</b>	:	Carbon Doped Boron Nitride Nanotubes
<b>Stock No</b>	:	NS6130-06-682
<b>CAS</b>	:	308068-56-6
<b>Form</b>	:	Powder
<b>Color</b>	:	Black

Carbon Doped Boron Nitride Nanotubes have been recently investigated due to their novel properties that are acquired at the nanometer scale, properties which change with size or shape. Moreover, a few dopants in the materials can make the properties more adjustable.

Carbon Doped Boron Nitride Nanotubes have been increasingly investigated for use in a wide range of applications due to their unique physicochemical properties including high hydrophobicity, heat and electrical insulation, resistance to oxidation, and hydrogen storage capacity. The valued for their possible medical and biomedical applications including drug delivery, use in biomaterials, and neutron capture therapy.

## Applications

- ✓ BNNT including polymer composite reinforcement
- ✓ Thermal management packages.
- ✓ Piezo actuators.
- ✓ Neutron shielding Nanomaterial.

**NS6130-06-682**

# C/BN

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