

## Specification Sheet

### Boron Carbide Nanopowder

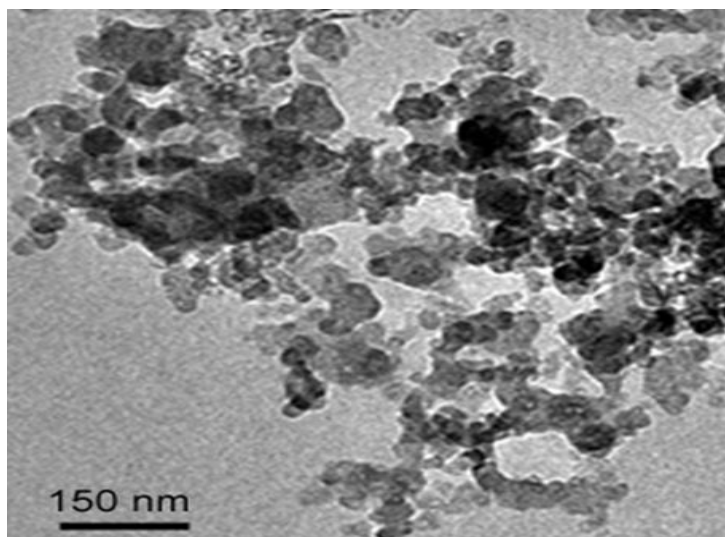
(B<sub>4</sub>C, Purity: 99.9%, APS: < 90nm)

Stock No: NS6130-02-285, CAS: 12069-32-8

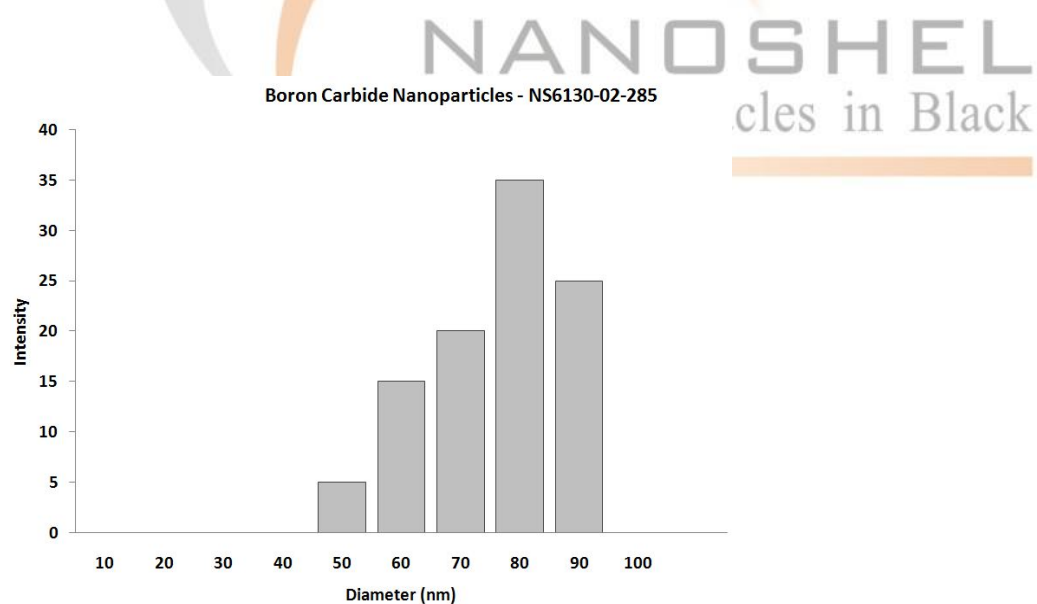
<b>Product</b>	:	<b>Boron Carbide Nanopowder</b>
Stock No.	:	NS6130-02-285
CAS	:	12069-32-8
APS	:	< 90nm
Purity	:	99.9 %
Molecular Formula	:	B <sub>4</sub> C
Molecular Weight	:	55.26g/mol
Form	:	Powder
Color	:	Black
Density	:	2.25g/cm <sup>3</sup>
Melting Point	:	2763°C
Boiling Point	:	3500°C
Solubility	:	Insoluble in Water
<b>Main Inspect Verifier</b>	:	<b>Manager QC</b>

**Note:** Product Specification are subject to amendment and may change over time

## Characterization of Boron Carbide Nanopowder



### TEM – Boron Carbide Nanoparticles



### Boron Carbide Nanopowder – Size Analysis