

## Specification Sheet

**Boron Carbide Nanoparticles**

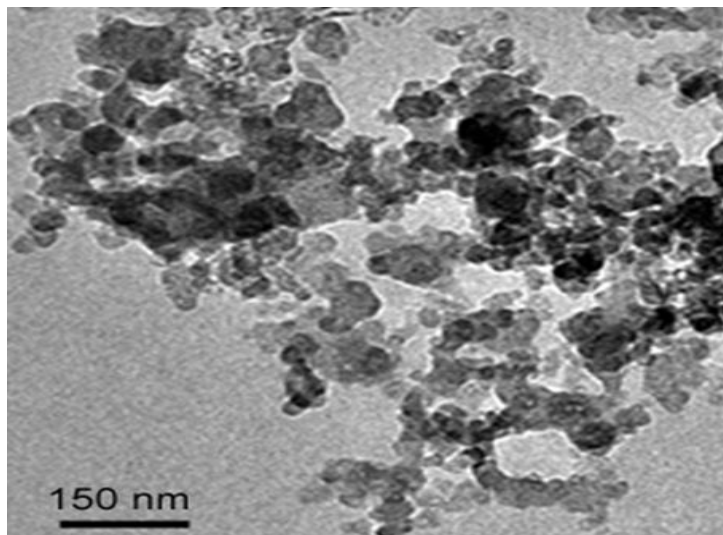
(B<sub>4</sub>C, APS: < 30nm, Purity: 99.9%)

Stock No: NS6130-02-283, CAS: 12069-32-8

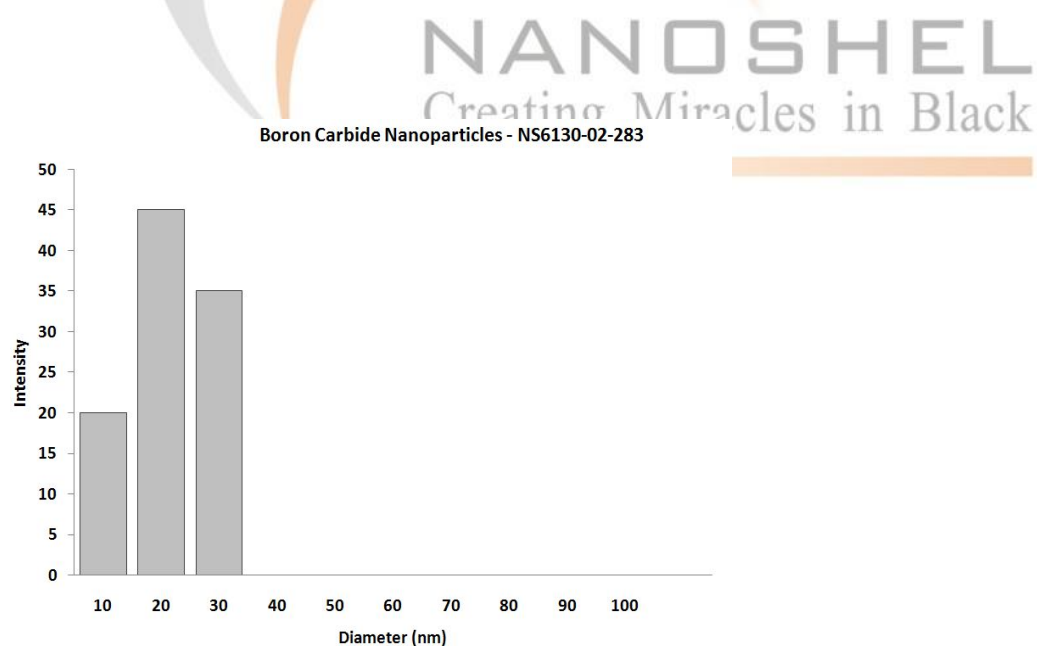
<b>Product</b>	:	<b>Boron Carbide Nanoparticles</b>
Stock No.	:	NS6130-02-283
CAS	:	12069-32-8
APS	:	< 30nm
Purity	:	99.9 %
Molecular Formula	:	B <sub>4</sub> C
Molecular Weight	:	55.26 g/mol
Form	:	Powder
Color	:	Gray/Black
Melting Point	:	2763 °C
Boiling Point	:	3500 °C
Solubility	:	Insoluble in water
<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 Nanoparticles



### TEM - B4C Nanoparticles



### Particles Size Analysis



## Boron Carbide

