

## Specification Sheet

### Titanium Diboride Nanopowder

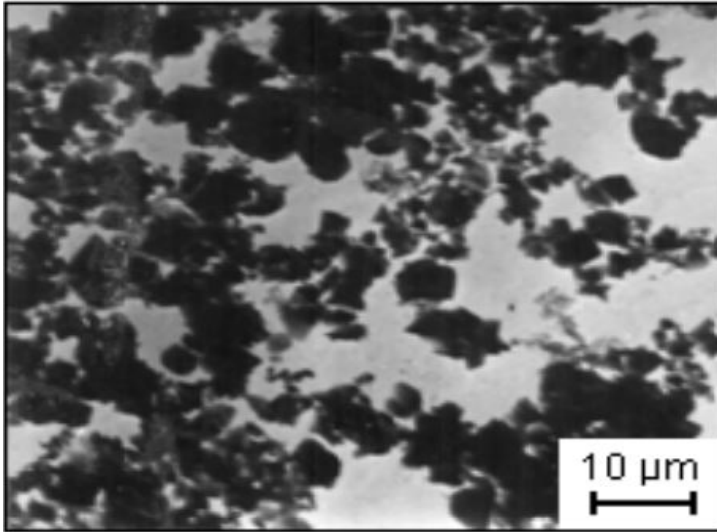
(TiB<sub>2</sub>, Purity: 99.9%, APS: < 80 nm)

Stock No: NS6130-02-212, CAS: 12045-63-5

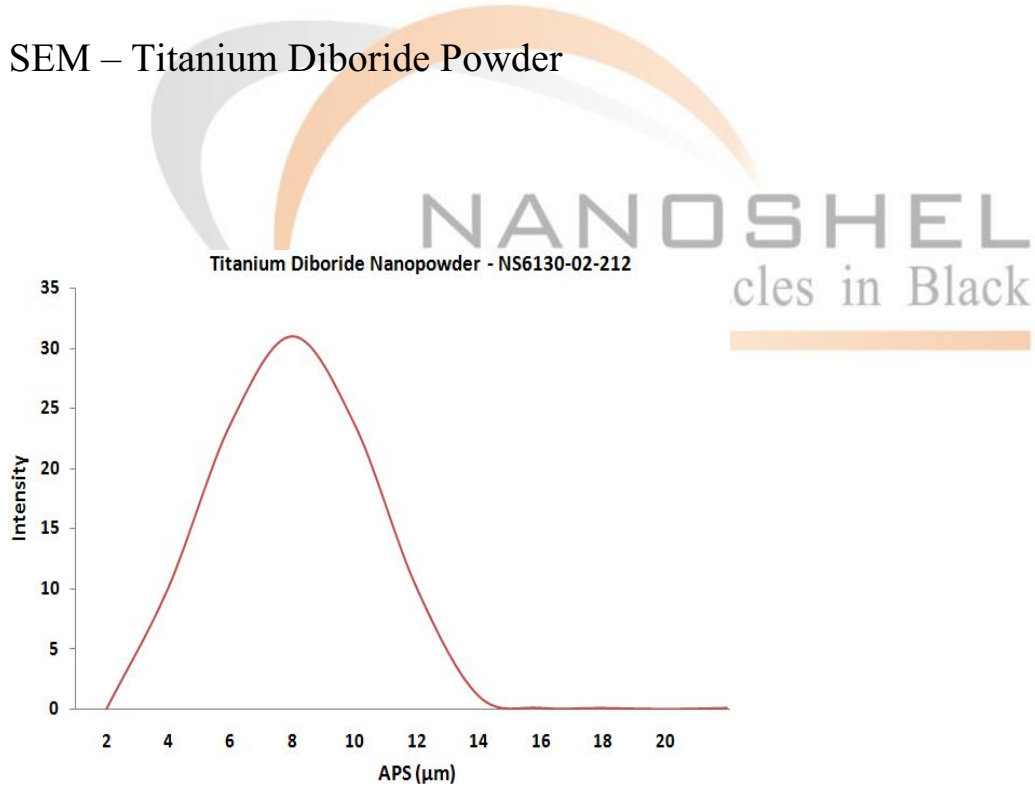
<b>Product</b>	:	<b>Titanium Diboride Powder</b>
Stock No.	:	NS6130-02-212
CAS	:	12045-63-5
APS	:	< 80nm
Purity	:	99.9 %
Molecular Formula	:	TiB <sub>2</sub>
Molecular Weight	:	69.489 g/mol
Form	:	Powder
Color	:	Gray
Density	:	4.52 g/cm <sup>3</sup>
Melting Point	:	3230 °C
Poisson's Ratio	:	0.11
Young's Modulus	:	290 GPa
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 Titanium Diboride Nanopowder



SEM – Titanium Diboride Powder



Size Analysis – Titanium Diboride Powder