**Specification Sheet**

Boron Nanopowder  
(B, Purity: 99.5%, APS: 70nm)  
Stock No: NS6130-01-110, CAS: 7440-42-8

<table>
<thead>
<tr>
<th>Product</th>
<th>Boron Nanopowder</th>
</tr>
</thead>
<tbody>
<tr>
<td>Stock No</td>
<td>NS6130-01-110</td>
</tr>
<tr>
<td>CAS</td>
<td>7440-42-8</td>
</tr>
<tr>
<td>Purity</td>
<td>99.5 %</td>
</tr>
<tr>
<td>APS</td>
<td>70nm</td>
</tr>
<tr>
<td>Molecular Formula</td>
<td>B</td>
</tr>
<tr>
<td>Molecular Weight</td>
<td>10.81 g/mol</td>
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<tr>
<td>Form</td>
<td>Powder</td>
</tr>
<tr>
<td>Color</td>
<td>Brown</td>
</tr>
<tr>
<td>Density</td>
<td>2.46 g/cm³</td>
</tr>
<tr>
<td>Melting Point</td>
<td>2400 °C</td>
</tr>
<tr>
<td>Boiling Point</td>
<td>2700 °C</td>
</tr>
<tr>
<td>Solubility</td>
<td>Insoluble in water</td>
</tr>
<tr>
<td>Main InspectVerifier</td>
<td>Manager QC</td>
</tr>
</tbody>
</table>

**Note:** Product Specification are subject to amendment and may change over time.
Characterization of Boron Nanopowder

TEM - Boron Nanopowder

Particles Size Analysis - B Powder