Specification Sheet

Silicon Nanoparticles
(Si, Purity: >99%, APS: < 50nm)
Stock No: NS6130-01-143, CAS: 7440-21-3

<table>
<thead>
<tr>
<th>Product</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Stock No</td>
<td>NS6130-01-143</td>
</tr>
<tr>
<td>CAS</td>
<td>7440-21-3</td>
</tr>
<tr>
<td>Purity</td>
<td>&gt;99 %</td>
</tr>
<tr>
<td>APS</td>
<td>&lt; 50 nm</td>
</tr>
<tr>
<td>Molecular Formula</td>
<td>Si</td>
</tr>
<tr>
<td>Molecular Weight</td>
<td>28.085 g/mol</td>
</tr>
<tr>
<td>Form</td>
<td>Powder</td>
</tr>
<tr>
<td>Color</td>
<td>Black</td>
</tr>
<tr>
<td>Density</td>
<td>2.329 g/cm³</td>
</tr>
<tr>
<td>Melting Point</td>
<td>1414 °C</td>
</tr>
<tr>
<td>Boiling Point</td>
<td>2355 °C</td>
</tr>
<tr>
<td>Main Inspect Verifier</td>
<td>Manager QC</td>
</tr>
</tbody>
</table>

Note: Product Specification are subject to amendment and may change over time
Characterization of Silicon Nanoparticles

TEM - Silicon Nanoparticles

Particles Size Analysis - Si Nanopowder