# Specification Sheet

Lead Nanopowder as Advanced Semi-Conductor  
(Pb, Purity: >99%, APS: 80nm)  
Stock No: NS6130-01-158, CAS: 7439-92-1

<table>
<thead>
<tr>
<th>Product</th>
<th>Lead Nanopowder</th>
</tr>
</thead>
<tbody>
<tr>
<td>Stock No</td>
<td>NS6130-01-158</td>
</tr>
<tr>
<td>CAS</td>
<td>7439-92-1</td>
</tr>
<tr>
<td>Purity</td>
<td>&gt;99 %</td>
</tr>
<tr>
<td>APS</td>
<td>80 nm</td>
</tr>
<tr>
<td>Molecular Formula</td>
<td>Pb</td>
</tr>
<tr>
<td>Molecular Weight</td>
<td>207.2 g/mol</td>
</tr>
<tr>
<td>Form</td>
<td>Powder</td>
</tr>
<tr>
<td>Density</td>
<td>11.34 g/cm³</td>
</tr>
<tr>
<td>Melting Point</td>
<td>327.46 °C</td>
</tr>
<tr>
<td>Boiling Point</td>
<td>1749 °C</td>
</tr>
<tr>
<td>Poisson's Ratio</td>
<td>0.44</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 Lead Nanopowder as Advanced Semiconductor

TEM - Lead Nanopowder

Particles Size Analysis - Pb Nanoparticles