Specification Sheet

Al, Purity: 99.9%, APS: 80-100nm
Stock No: NS6130-12-000241, CAS: 7429-90-5

<table>
<thead>
<tr>
<th>Product</th>
<th>Aluminium Casting Alloy</th>
</tr>
</thead>
<tbody>
<tr>
<td>Stock No</td>
<td>NS6130-12-000241</td>
</tr>
<tr>
<td>CAS</td>
<td>7429-90-5</td>
</tr>
<tr>
<td>Purity</td>
<td>99.9 %</td>
</tr>
<tr>
<td>APS</td>
<td>80-100nm</td>
</tr>
<tr>
<td>Color</td>
<td>Silver Gray</td>
</tr>
<tr>
<td>Melting Point</td>
<td>1050-1220°F</td>
</tr>
<tr>
<td>Boiling Point</td>
<td>3733°F</td>
</tr>
<tr>
<td>Thermal Conductivity</td>
<td>0.36 (cal/cm2/cm/ @</td>
</tr>
<tr>
<td>Tensile Strength</td>
<td>130-150 N/mm²</td>
</tr>
<tr>
<td>Elongation</td>
<td>2 %</td>
</tr>
<tr>
<td>Brinell Hardness</td>
<td>55-65</td>
</tr>
<tr>
<td>Freezing Range</td>
<td>525-615 °C</td>
</tr>
<tr>
<td>Solubility</td>
<td>Insoluble in Water</td>
</tr>
</tbody>
</table>

Main Inspect Verifier: Manager QC

Note: Product Specification are subject to amendment and may change over time
Characterization of Al, Purity: 99.9%, APS: 80-100nm

Composition Chart - Al Casting Alloy

Particles Size Analysis - Aluminium Casting Alloy