Aluminium Silicon Alloy Powder are noted for their unique combination of desirable characteristics. Good thermal conductivity and abrasive resistance, Low CTE, Low weight, High strength including excellent castability and low density combined with good mechanical properties. Aluminium-silicon alloy powders have seen great interest as a potential component in the production of lightweight materials, especially in industries such as automotive. While thorough research is still necessary before the material can become a core tool in such production, early probes have proved quite promising.

Catalyst support. Much like aluminium oxide, aluminium-silicon alloy powders can play a crucial role as a catalyst support for any number of industrial catalysts, with more being researched and uncovered as the material grows in popularity and interest.
Aluminium
SILICON ALLOY POWDER

Applications
✓ 3D Printing
✓ Electronics
✓ PM industry
✓ PV industry
✓ Lithium battery
✓ Soldering and brazing industry.

Packing Sizes Available
10ml, 25ml, 50ml, 100ml, 250ml, 500ml, 1Ltr & Bulk orders

Technical Specification

<table>
<thead>
<tr>
<th>Molecular Formula</th>
<th>Molecular Weight</th>
<th>Density</th>
<th>Solubility</th>
</tr>
</thead>
<tbody>
<tr>
<td>AlSi</td>
<td>55.07 g/mol</td>
<td>2.6 g/cm³</td>
<td>Insoluble in</td>
</tr>
</tbody>
</table>

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ISO: 13485:2016/2022CE4588M
CE: 2022CE4589C