Technical Data Sheet

ACS Material Gamma-Aluminum Oxide Powder

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Revision: 070217
1. Preparation Method
Liquid Phase Method

2. Characterizations

<table>
<thead>
<tr>
<th>Appearance:</th>
<th>White Powder</th>
</tr>
</thead>
<tbody>
<tr>
<td>Composition:</td>
<td>γ-Al₂O₃</td>
</tr>
<tr>
<td>Particle Size:</td>
<td>8-12 nm</td>
</tr>
<tr>
<td>Purity:</td>
<td>&gt; 99%</td>
</tr>
<tr>
<td>Property:</td>
<td>Hydrophilic</td>
</tr>
</tbody>
</table>

Typical SEM Image of ACS Material γ-Al₂O₃ (1)
Typical SEM Image of ACS Material $\gamma$-Al$_2$O$_3$ (2)

Typical TEM Image of ACS Material $\gamma$-Al$_2$O$_3$ (1)
Typical TEM Image of ACS Material γ-Al₂O₃ (2)

Typical TEM Image of ACS Material γ-Al₂O₃ (3)
3. Application Fields

1) Ceramics
2) Composites
3) Chemical resistant materials
4) Catalysts
5) Semiconductor materials

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