AEROSIL® 300 is a hydrophilic fumed silica with a specific surface area of 300 m²/g.

**Applications and properties**

**Applications**

- Paints and coatings
- HTV- and LSR (Liquid Silicone Rubber)
- Cable compounds and unsaturated polyester resins
- Adhesives and sealants
- Printing inks
- Cosmetics

**Properties**

- Rheology and thixotropy control of liquids, binders, polymers, etc.
- Optimal dispersion yields best results in pronounced thickening and thixotropy
- Reinforcement of HTV- and LSR (Liquid Silicone Rubber) at a high transparency level
- Excellent transparency in unsaturated polyester resins

**Safety and handling**

A safety data sheet will be provided with your first delivery and with subsequent revisions. Additionally, the Product Safety Department of Evonik Resource Efficiency GmbH can be contacted via mail at sds-hu@evonik.com for specific questions. We recommend to read the safety data sheet carefully prior to use of the product.

**Packaging and storage**

AEROSIL® 300 is supplied in multiple layer 10 kg bags. We recommend to store the product in closed containers under dry conditions and to protect the material from volatile substances. AEROSIL® 300 should be used within 2 years after production.

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### Characteristic physico-chemical data

<table>
<thead>
<tr>
<th>Properties and test methods</th>
<th>Unit</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Specific surface area (BET)</td>
<td>m²/g</td>
<td>270 - 330</td>
</tr>
<tr>
<td>pH value in 4% dispersion</td>
<td></td>
<td>3.7 - 4.5</td>
</tr>
<tr>
<td>Loss on drying*</td>
<td>%</td>
<td>≤ 1.5</td>
</tr>
<tr>
<td>2 hours at 105°C</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Tamped density*</td>
<td>g/l</td>
<td>approx. 50</td>
</tr>
<tr>
<td>SiO₂ content based on ignited material</td>
<td>%</td>
<td>&gt; 99.8</td>
</tr>
</tbody>
</table>

* ex plant
The data represents typical values (no product specification).

### Registrations (substance or product components)

<table>
<thead>
<tr>
<th>AEROSIL® 300</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>CAS-No.</td>
<td>112 945-52-5 7631-86-9</td>
</tr>
<tr>
<td>REACH (Europe)</td>
<td>registered</td>
</tr>
<tr>
<td>TSCA (USA)</td>
<td>registered</td>
</tr>
<tr>
<td>DSL (Canada)</td>
<td>registered</td>
</tr>
<tr>
<td>AICS (Australia)</td>
<td>registered</td>
</tr>
<tr>
<td>ENCS (Japan)</td>
<td>registered</td>
</tr>
<tr>
<td>IECSC (China)</td>
<td>registered</td>
</tr>
<tr>
<td>KECI (Korea)</td>
<td>registered</td>
</tr>
</tbody>
</table>
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