AEROSIL® R 9200 is a structure modified, hydrophobic fumed silica.

### Properties and test methods

<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>150 - 190</td>
</tr>
<tr>
<td>pH value in 4% dispersion</td>
<td></td>
<td>3.0 - 5.0</td>
</tr>
<tr>
<td>Loss on drying 2 hours at 105 °C</td>
<td>%</td>
<td>≤ 1.5</td>
</tr>
<tr>
<td>C content</td>
<td>%</td>
<td>0.7 - 1.3</td>
</tr>
<tr>
<td>Tamped density* ISO 787-11, modified</td>
<td>g/l</td>
<td>approx. 200</td>
</tr>
<tr>
<td>SiO₂ content based on ignited material</td>
<td>%</td>
<td>≥ 99.8</td>
</tr>
<tr>
<td>Al₂O₃ content</td>
<td>%</td>
<td>≤ 0.10</td>
</tr>
<tr>
<td>Fe₂O₃ content</td>
<td>%</td>
<td>≤ 0.01</td>
</tr>
<tr>
<td>TiO₂ content</td>
<td>%</td>
<td>≤ 0.03</td>
</tr>
<tr>
<td>HCl content</td>
<td>%</td>
<td>≤ 0.025</td>
</tr>
</tbody>
</table>

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

### Registration

AEROSIL® R 9200

- CAS-No.: 68611-44-9
- REACH (Europe): exempted
- TSCA (USA): registered
- DSL (Canada): registered
- AICS (Australia): registered
- ENCS (Japan): registered
- KECI (Korea): registered
- IECS (China): registered
- PICCS (Philippines): registered

### Applications and properties

#### Applications
- Paints and coatings
- Silicone rubber
- Free flow

#### Properties
- Improves the scratch resistance of paints and coatings
- Low rheological effect and excellent processability enable high loading levels of polymer systems
- Effective free flow agent for fine powders, easily to incorporate, does not form agglomerates, allows short mixing time and gentle mixing conditions.

### Safety and handling

Information concerning the safety of this product is listed in the corresponding Material Safety Data Sheet, which will be sent with the first delivery or upon updating. Such information is also available from Evonik Industries AG, Product Safety Department, E-MAIL sds-im@evonik.com or can be downloaded from our homepage www.aerosil.com. We recommend to read carefully the material safety data sheet prior to the use of our product.

### Packaging and storage

AEROSIL® R 9200 is supplied in multiple layer 15 kg bags. We recommend to store the product in closed containers under dry conditions and to protect the material from volatile substances. AEROSIL® R 9200 should be used within 2 years after production.
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