AERODISP® WR 8520

Aqueous dispersion of hydrophobic fumed silica

Characteristic physico-chemical data

<table>
<thead>
<tr>
<th>Properties and test methods</th>
<th>Unit</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>pH value</td>
<td></td>
<td>10 - 11</td>
</tr>
<tr>
<td>Density</td>
<td>g/cm³</td>
<td>1.13</td>
</tr>
<tr>
<td>Stabilizing agent</td>
<td></td>
<td>DMEA</td>
</tr>
<tr>
<td>Solids content</td>
<td>%</td>
<td>19 - 21</td>
</tr>
<tr>
<td>Mean aggregate size</td>
<td>µm</td>
<td></td>
</tr>
<tr>
<td>Viscosity</td>
<td>mPas</td>
<td></td>
</tr>
</tbody>
</table>

The data represents typical values (no product specification).

Registrations (substance or product components)

AERODISP® WR 8520

<table>
<thead>
<tr>
<th>CAS-No.</th>
<th>68611-44-9</th>
</tr>
</thead>
</table>

All components of this dispersion are registered in the mentioned inventories.

AERODISP® WR 8520 is a special, structured, highly filled dispersion of hydrophobic AEROSIL®.

Applications and properties

Applications

In waterbased pigmented coatings or in waterbased clear coatings:
- Rheology control
- Anti-settling
- Pigment stabilization
- Improvement of mechanical properties

Recommendations for waterbased coatings

Addition: 5-10% dispersion (respect. 1-2% AEROSIL®) calculated on total coating formulation. The dispersion should be added into the coating while stirring under low or medium shear forces (e.g. dissolver)

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

Depending on the region, AERODISP® WR 8520 is available in 60 kg containers, 220 kg drums, 1000 kg intermediate bulk containers (IBC’s). All dispersions must be protected from extreme heat and frost. The product should be used within twelve months from the date of production.
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