AERODISP® W 7520 P

Aqueous dispersion of hydrophilic fumed silica

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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>pH value</td>
<td></td>
<td>9.0 - 10.0</td>
</tr>
<tr>
<td>Density 20 °C</td>
<td>g/cm³</td>
<td>1.12</td>
</tr>
<tr>
<td>SiO₂ content</td>
<td>%</td>
<td>19 - 21</td>
</tr>
<tr>
<td>Stabilizing agent</td>
<td></td>
<td>KOH</td>
</tr>
<tr>
<td>Mean aggregate size d-50 value</td>
<td>µm</td>
<td>0.12</td>
</tr>
<tr>
<td>Viscosity measured at a shear rate of 100 s⁻¹</td>
<td>mPas</td>
<td>≤ 300</td>
</tr>
</tbody>
</table>

The data represents typical values (no product specification).

**Registrations (substance or product components)**

AERODISP® W 7520 P

<table>
<thead>
<tr>
<th>CAS-No.*</th>
<th>112 945-52-5 (7631-86-9, old)</th>
</tr>
</thead>
</table>

EINECS (Europe), TSCA (USA), DSL (Canada), AICS (Australia), ENCS (Japan), IECSC (China), KECl (Korea)

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

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AERODISP® W 7520 P is a low viscosity, water-based dispersion of AEROSIL® fumed silica, with a slightly alkaline pH.

**Applications and properties**

**Applications**
- Rheology control
- Stabilization of emulsions
- Reinforcement of polymers
- Surface treatment, e.g. polishing
- Stabilizing of pigments in printing inks
- Anti-slip
- Adhesion promotion
- Flocculation aid

**Properties**
- Low thickening effect
- Low viscosity

**Appearance**
- AERODISP® W 7520 P is a milky-white water based liquid

**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 reach the safety data sheer carefully prior to use of the product.

**Packaging and storage**

Depending on the region, AERODISP® W 7520 P is available in 60 kg containers, 220 kg drums and 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. Small amounts of sedimentiation are normal.
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