**DENFIN PDMS 350**  
Silicone Agent

**Product Description**

DENFIN PDMS 350 is a 100% polydimethylsiloxane of viscosity 350 mm²/s. The product differs from organic materials in its physical and chemical properties such as high and low temperature stability, good dielectric properties, low interfacial energy, and chemical inertness.

DENFIN PDMS 350 can be used in a wide range of application ranging from heat transfer media and hydraulic fluids to polish and antifoam formulation.

**Key Performance Properties**

- High and low-temperature stability
- Low pour point
- Low temperature and pressure dependence of viscosity
- Good dielectric characteristics
- Low interfacial energy
- High surface activity
- High compressibility
- Chemical inertness

**Physical Properties**

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Appearance</td>
<td>White liquid emulsion</td>
</tr>
<tr>
<td>Viscosity (25°C)</td>
<td>350 mm²/s</td>
</tr>
<tr>
<td>Specific gravity (25°C)</td>
<td>0.97 g/cm³</td>
</tr>
<tr>
<td>Pour point</td>
<td>- 50°C</td>
</tr>
<tr>
<td>Flash point</td>
<td>315°C</td>
</tr>
<tr>
<td>Ignition point</td>
<td>&gt;400°C</td>
</tr>
</tbody>
</table>

**Applications**

- Hydraulic fluids
- Heat transfer media
- Dielectrics fluids
- Water repellents
- Polishes
- Lubricants
- Antifoams
- Mold release agents
- Personal care

**Safety**

Before handling, read the Material Safety Data Sheet and container label for safe use, physical and health hazard information.

**Storage and Shelf life**

DENFIN PDMS 350 has a shelf-life of at least 24 months from date of manufacture when stored at ambient temperatures, preferably below 38°C. Keep containers sealed when not in use to avoid absorption of water from the atmosphere.

**Packaging**

DENFIN PDMS 350 is available in 200 kg drums.