Silicon Grease
Greasy release agent for plastic – electrical insulating

**Description:**
- **Silicon grease** is based on high grade silicon oil and selective additives to control consistency.

**Fields of Use:**
- As electrical insulating in power stations, towers and lines of electricity projects.
- As greas for different plastic parts.
- Release agent in the field of manufacturing of plastic and rubber products.

**Advantages:**
- Low toxicity grease.
- High resistance to low and high temperatures.
- No reaction with plastic, glass, ceramic, metal and painted surfaces.
- Water repellent for electrical parts.

**Technical Data :** (at 25 ºC)

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Colour</td>
<td>Waxy</td>
</tr>
<tr>
<td>Density</td>
<td>0.98 ± 0.02 kg/l</td>
</tr>
<tr>
<td>Ash content</td>
<td>34%</td>
</tr>
<tr>
<td>Bleed</td>
<td>0.01% (at 150 º C for 24 h)</td>
</tr>
<tr>
<td>Acid number</td>
<td>0.4</td>
</tr>
<tr>
<td>Fire point</td>
<td>&gt; 350 º C</td>
</tr>
<tr>
<td>Melting point</td>
<td>= 190 º C</td>
</tr>
<tr>
<td>Evaporation</td>
<td>0.008 % (at 150 º C for 24 h)</td>
</tr>
<tr>
<td>Electric strength</td>
<td>&gt;10 kv / mm</td>
</tr>
<tr>
<td>Dielectric loss factor</td>
<td>1× 10⁻⁴ at 250 HZ</td>
</tr>
<tr>
<td>Volume resistivity</td>
<td>1× 10¹⁶ ohm. cm</td>
</tr>
</tbody>
</table>

**Direction of Use:**

(As a release agent or greasing of plastic forms)
- Ensure that surfaces are clean.
- Apply layer of silicon grease by knife to surfaces then handly spreaded.
- Clean tools directly after use by KEMSOLVE 1.

(As electrical insulating)
- Fill the glassy insulators with silicon grease before erecting.

**Safety Precautions:**
- Application should be carried out in well ventilated place.
- Gloves, protective clothing and eye goggles should be worn during application.
- Skin contaminations should be immediately cleaned with soap and plenty of water (don’t use solvent).
- If the material is splashed into the eyes, they should immediately cleaned with soap and plenty of water (don’t use solvent).
- Do not eat or smoke during application.

**Storage:**
- 2 years under dry and suitable storage conditions.

**Packages:**
- 1 kg, 4 kg and 20 kg.