KF-54
Phenylated Silicone Fluid

Silicone Fluid

Features & Advantages
- High refractive index
- Shine

Applications
- Hair care
- Skin care
- Make-up
- Sunscreen

Percentage of use
0.1-50 %

INCI name
DIPHENYL DIMETHICONÉ

Structure

![Structure Diagram]

Characteristics

<table>
<thead>
<tr>
<th>Properties</th>
<th>Unit</th>
<th>Values</th>
<th>Standard method / condition</th>
</tr>
</thead>
<tbody>
<tr>
<td>Appearance (color)</td>
<td>—</td>
<td>Colorless</td>
<td>Visual observation</td>
</tr>
<tr>
<td>Appearance (transparency)</td>
<td>—</td>
<td>Transparent</td>
<td>Visual observation</td>
</tr>
<tr>
<td>Appearance (texture)</td>
<td>—</td>
<td>Liquid</td>
<td>Visual observation</td>
</tr>
<tr>
<td>Percentage of active raw material</td>
<td>%</td>
<td>100</td>
<td></td>
</tr>
<tr>
<td>Viscosity</td>
<td>mm²/s</td>
<td>400</td>
<td>Cannon fenske viscosimeter</td>
</tr>
<tr>
<td>Volatile content</td>
<td>%</td>
<td>0.5&gt;</td>
<td>150°C/24h</td>
</tr>
<tr>
<td>Specific gravity</td>
<td></td>
<td>1.07</td>
<td>Densimeter</td>
</tr>
<tr>
<td>Refractive index</td>
<td>—</td>
<td>1.505</td>
<td>Refractometer</td>
</tr>
</tbody>
</table>

(Not specific values)
Processing (How to use)  The product is ready to use.

Packaging  18 kg can, 200 kg drum

Storage  The silicone products may deteriorate when it comes in contact with heat, light, acid, alkaline, etc. Be sure to seal tightly and store in a cool dark place away from heat and flame.

Safety  Please consult our MSDS.

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