**KF-6104**

**Emulsifying Branched Silicone**

**Silicone Emulsifier**

- **Features & Advantages**
  - Emulsions W/Si
  - Good compatibility with silicones
  - PEG free

- **Applications**
  - Skin care
  - Make-up

- **Percentage of use**
  - 0.1-5%

- **INCI name**
  - POLYGLYCERYL-3 POLYDIMETHYLSILOXYETHYL DIMETHICONE
  - This does not represent all composition.
  - Please contact Shin-Etsu sales representative for details.

- **Structure**

- **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 to light yellow</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>mPa·s</td>
<td>4,000</td>
<td>Brookfield viscosimeter</td>
</tr>
<tr>
<td>Specific gravity</td>
<td></td>
<td>1.00</td>
<td>Densimeter</td>
</tr>
<tr>
<td>Refractive index</td>
<td></td>
<td>1.409</td>
<td>Refractometer</td>
</tr>
<tr>
<td>HLB</td>
<td></td>
<td>Low</td>
<td>Estimated</td>
</tr>
</tbody>
</table>

(Not specific values)
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