Silicone resin

SILIKOPHEN® P40/W

DESCRIPTION

Non reactive methyl phenyl silicone resin emulsion

KEY BENEFITS

- good compatibility with organic polymer dispersions
- excellent air-drying properties
- water-reducible

SUITABILITY

- waterborne
- solventborne
  - not suitable
  - partly suitable
  - suitable

TYPICAL APPLICATIONS

- ovens, furnaces, pipelines, incinerators
- heat-stable coatings for industrial facilities
- Protective coatings

TECHNICAL DATA

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Appearance</td>
<td>white liquid</td>
</tr>
<tr>
<td>Delivery form</td>
<td>emulsion</td>
</tr>
<tr>
<td>Ionic charge</td>
<td>non-ionic</td>
</tr>
<tr>
<td>Non-volatile content</td>
<td>Approx. 50%</td>
</tr>
<tr>
<td>Solvent</td>
<td>xylene / isobutanol</td>
</tr>
<tr>
<td>Water content</td>
<td>Approx 38%</td>
</tr>
</tbody>
</table>

SOLUBILITY

- Water
  - not soluble
  - partly soluble
  - soluble

PROCESSING INSTRUCTIONS

- Surface pre-treatment: Degreasing and shot-blasting is recommended.
- Prior to use, mix briefly with low shear-forces.
- Use with metallic pigments and special formulations to obtain continuous heat-resistance of up to 650 °C.

BAKING CONDITION

250 °C / 30 min.

HANDLING & STORAGE

When stored in an original unopened packaging between +4 and +40 °C, the product has a shelf life of at least 12 months from the date of manufacture. However, contact with tin (e.g. with metal containers) will shorten storage stability.

MSDS & REGULATORY INFORMATION

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