Weatherable coating resin
ZEFFLE GK-510

A solvent based paint resin with excellent weather, chemical, and stain resistance. GK-510 can be used both as clear paint and colored paint by inorganic pigment.

Outline
- ZEFFLE GK-510 is a copolymer of tetrafluoroethylene and vinyl monomer. It does not include chlorine which may cause yellowing.
- Excellent weather resistance, corrosion protection, chemical resistance, and dirt removability.
- Good dispersibility with inorganic pigment and good gloss.
- Variety of substrate can be chosen because of relatively lower curing temperature. Even ambient temperature can be taken by selecting curing agent.
- Isocyanate and melamine can be used as curing agent.
- Can be formulated to be painted by spray, brush, roller, etc.

Property

<table>
<thead>
<tr>
<th>Item</th>
<th>Unit</th>
<th>Figure</th>
<th>Testing method</th>
</tr>
</thead>
<tbody>
<tr>
<td>Appearance</td>
<td>-</td>
<td>Light yellow clear liquid</td>
<td>Visual</td>
</tr>
<tr>
<td>Solid content</td>
<td>mass%</td>
<td>50</td>
<td>Dried by 150°C for 1 hour</td>
</tr>
<tr>
<td>Viscosity</td>
<td>mPa・s</td>
<td>780</td>
<td>B type rotational viscometer (25°C)</td>
</tr>
<tr>
<td>Solvent composition</td>
<td>mass%</td>
<td>n-Butyl acetate ≥97</td>
<td>Gas chromatographic method</td>
</tr>
<tr>
<td>Hydroxyl value</td>
<td>mgKOH/g</td>
<td>60</td>
<td>Theoretical calculation</td>
</tr>
<tr>
<td>Acid value</td>
<td>mgKOH/g</td>
<td>9 – 10</td>
<td>Potentiometric titration method</td>
</tr>
</tbody>
</table>

*Above are representative figures but not guaranteed.

Handling / Safety information
- Be sure to read the notes on SDS and labels before use.
- This product is intended for general industry, and therefore its adequacy and safety as a raw material for medical purposes cannot be guaranteed.

Package size
- 1kg, 16kg, 200kg

For more information, visit our website.

https://www.daikinchemicals.com/