**TEXICRYL® 13-812**

*Carboxylated acrylic copolymer emulsion*

**INTRODUCTION**

Texicryl 13-812 is an alkali swellable emulsion designed for waterbased printing ink formulations. It has excellent rub resistance and transfer properties.

**CHARACTERISTICS** *(Not to be taken as a specification)*

<table>
<thead>
<tr>
<th>Characteristic</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Solids content</td>
<td>41%</td>
</tr>
<tr>
<td>Viscosity at 25°C</td>
<td>70 mPa s</td>
</tr>
<tr>
<td>(Brookfield RVT, Spindle 2, 100 rpm)</td>
<td></td>
</tr>
<tr>
<td>pH</td>
<td>3.5</td>
</tr>
<tr>
<td>Specific gravity at 25°C</td>
<td>1.07 g/cm³</td>
</tr>
<tr>
<td>Particle size</td>
<td>110 nm</td>
</tr>
<tr>
<td>Minimum film formation temperature *</td>
<td>15 °C</td>
</tr>
<tr>
<td>Glass transition temperature</td>
<td>28 °C</td>
</tr>
<tr>
<td>Acid Value</td>
<td>114 mg KOH/g</td>
</tr>
</tbody>
</table>

* Determined by metal bar with temperature gradient
APPLICATIONS  Flexographic inks for corrugated board. Suitable as a pigment grinding medium and let down vehicle.

PACKAGING  Texicryl 13-812 may be supplied in drums or IBC’s (please check with your local representative). Bulk deliveries are by road tanker.

STORAGE  Texicryl 13-812 should be stored in the original, unopened and undamaged containers in a dry place at temperatures between 5°C and 30°C. Exposure to frost should be avoided.

HEALTH & SAFETY  Please see separate material safety data sheet

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