TEXICRYL® 13-217

Acrylic copolymer emulsion

INTRODUCTION
TEXICRYL® 13-217 is an APEO free self-crosslinking acrylic copolymer emulsion characterised by a soft film giving, after crosslinking, a high resistance to washing and to primed or printed fabrics.

CHARACTERISTICS (Not to be taken as a specification)

<table>
<thead>
<tr>
<th>Characteristic</th>
<th>Unit</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Solids content</td>
<td>%</td>
<td>40</td>
</tr>
<tr>
<td>Viscosity at 25°C (Brookfield RVT Spindle 1, 50rpm)</td>
<td>mPa s</td>
<td>&lt; 100</td>
</tr>
<tr>
<td>pH</td>
<td></td>
<td>4.5</td>
</tr>
<tr>
<td>Particle size</td>
<td>nm</td>
<td>200</td>
</tr>
<tr>
<td>Minimum film formation temperature*</td>
<td>°C</td>
<td>&lt; 2</td>
</tr>
<tr>
<td>Glass Transition Temperature</td>
<td>°C</td>
<td>-16</td>
</tr>
</tbody>
</table>

* Determined by metal bar with temperature gradient
APPLICATIONS

TEXICRYL® 13-217 is ideal for the manufacturing of non-woven fabrics and as flocking adhesive by spraying, in full bath or by foaming.

TEXICRYL® 13-217 is compatible to TEXICRYL® 13-205 (hard acrylic emulsion) to generate a steeper touch.

To improve the crosslinking under 100°C, a catalyst can be added: 2% of ammonium chloride solution at 10% or 5% of ammonium hydrogen-phosphate at 10%.

TEXICRYL® 13-217 can be thickened by adding 0.5% of TEXIPOL® 63-252 in the formula.

TEXICRYL® 13-217 has a non-detectable formaldehyde level according to Oeko-Tex® testing, ISO 14184-1 2011.

PACKAGING

TEXICRYL® 13-217 is supplied in drums, 1 tonne IBC’s or bulk supplies are delivered by road tanker.

STORAGE

TEXICRYL® 13-217 should be stored between 5 and 30°C in the original, unopened container in a dry, well ventilated place. Protect from freezing and direct sunlight.

HEALTH & SAFETY

Please see separate material safety data sheet

Issue No.4 Sept-17