TEXICRYL® 13-525

Styrene acrylic copolymer emulsion

INTRODUCTION
TEXICRYL 13-525 is a modified styrene acrylic copolymer designed to be the main binder in the formulation of blister seal adhesives with superb graphic qualities. The polymer will suit other heat-seal applications as well as being suitable as a modifier.

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>50</td>
</tr>
<tr>
<td>Viscosity at 25°C (Brookfield RVT, Spindle 4, 100 rpm)</td>
<td>mPa s</td>
<td>500</td>
</tr>
<tr>
<td>pH</td>
<td></td>
<td>8.3</td>
</tr>
<tr>
<td>Particle Size</td>
<td>nm</td>
<td>90</td>
</tr>
<tr>
<td>Acid Value</td>
<td>mg KOH g⁻¹</td>
<td>35</td>
</tr>
<tr>
<td>Specific gravity at 25°C</td>
<td>g/cm³</td>
<td>1.04</td>
</tr>
<tr>
<td>Minimum film formation temperature *</td>
<td>°C</td>
<td>0</td>
</tr>
<tr>
<td>Glass transition temperature</td>
<td>°C</td>
<td>-11</td>
</tr>
</tbody>
</table>

* Determined by metal bar with temperature gradient
### APPLICATIONS
TEXICRYL 13-525 is designed to be the main binder in the formulation of blister seal adhesives with the added benefit of having superb graphic qualities.

The polymer will suit other heat seal applications for a variety of absorbent-to-absorbent substrate sealing and absorbent-to-non-absorbent laminating.

Texicryl 13-525 is also suitable as a modifying resin to cold seal adhesives, enabling the compounded adhesive to have a better key to the substrate.

### PACKAGING
TEXICRYL 13-525 is supplied in drums, 1 tonne IBC's or bulk supplies are delivered by road tanker.

### STORAGE
TEXICRYL 13-525 should be stored in the container in which it is supplied.

### HEALTH & SAFETY
Please see separate material safety data sheet

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