REACTOL™ 5145 A

Alcohol Soluble Polyester Resin

IMPORTANT CHARACTERISTICS:

Reactol™ 5145 A is a highly structured, flexible polyester resin. It exhibits excellent solvent release, high gloss, low viscosity, and unlimited alcohol solubility.

Due to its outstanding nitrocellulose compatibility, Reactol™ 5145 A can be used with nitrocellulose in place of or as a partial replacement for the Flex-Rez™ polyamide resins.

In addition, Reactol™ 5145 A is an adhesion promoter in hard resin systems.

APPLICATIONS: BENEFITS:

- Film-former in place of Flex-Rez™ polyamides for liquid systems
- Adhesion promoter in hard resin systems
- Nitrocellulose coatings to improve gloss
- Additive for Nitrocellulose coatings for sealers
- Aqueous inks, coatings and over print varnishes
- Flexo and Gravure alcohol based ink systems
- Excellent gloss
- Excellent adhesion
- High flexibility
- Fast solvent release
- NC-compatible, as well compatible with fumaric and phenolic resins

Typical Properties

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
<th>Unit</th>
<th>Test Method*</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acid Value</td>
<td>130</td>
<td>mg KOH / g</td>
<td>LIMR1</td>
</tr>
<tr>
<td>Hydroxyl Value</td>
<td>130</td>
<td>Mg KOH / g</td>
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</tr>
<tr>
<td>Melting Point</td>
<td>120</td>
<td>°C</td>
<td>LIMR17</td>
</tr>
</tbody>
</table>

* Lawter Standard Test Method

Updated: March 19, 2012 by AdK