Hydro-Rez™ 5614 A
Fumaric Modified Rosin Ester

IMPORTANT CHARACTERISTICS:
Hydro-Rez™ 5614 A is a fumarated rosin ester that is soluble in alcohol and can be dispersed in water using ammonia or morpholine. The high melting point promotes fast solvent release and good leveling properties, and is compatible with shellac and Manila copal resins.

Hydro-Rez 5614 A is recommended for use in solvent or water-based flexographic inks. This resin is also recommended for use in mineral spirit varnishes.

APPLICATIONS:
- Flexographic inks
- Carton inks
- Specialty inks
- Mineral Spirit varnishes
- Shellac substitutes

BENEFITS:
- High melting point
- Good leveling properties

Typical Properties

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
<th>Test Method / Standard</th>
</tr>
</thead>
<tbody>
<tr>
<td>Melt Point:</td>
<td>165°C</td>
<td>Ring &amp; Ball, degC BAX-QC-100</td>
</tr>
<tr>
<td>Acid Value:</td>
<td>185</td>
<td>BAX-QC-102</td>
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<tr>
<td>Viscosity:</td>
<td>20 sec.</td>
<td>Ford Cup, 50%NV Ethanol, 25°C, sec. BAX-QC-110</td>
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<tr>
<td>Color:</td>
<td>7</td>
<td>Gardner Color BAX-QC-103</td>
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</tbody>
</table>

For more information, please contact your sales or technical representative.