Filtrez™ 3320 A
Maleic Modified Rosin Ester

IMPORTANT CHARACTERISTICS:
Filtrez™ 3320 A is a maleic modified rosin ester. Filtrez 3320 A is designed for nitrocellulose lacquer and ink systems containing low aromatic solvents.

APPLICATIONS:
- Flexographic inks
- Gravure inks
- Coatings

BENEFITS:
- Compatible with low aromatic solvents
- Compatible with nitrocellulose

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>122°C</td>
<td>Ring &amp; Ball, degC BAX-QC-100</td>
</tr>
<tr>
<td>Acid Value:</td>
<td>60</td>
<td>BAX-QC-102</td>
</tr>
<tr>
<td>Viscosity:</td>
<td>D (1.6 sec.)</td>
<td>Gardner-Holdt, 60%NV Toluene, 25°C BAX-QC-105</td>
</tr>
<tr>
<td>Color:</td>
<td>10 max.</td>
<td>Gardner Color BAX-QC-103</td>
</tr>
</tbody>
</table>

Solubility Parameters:
Determined at 50% resin concentration
- Class I Solvents: 8.9-9.7
- Class II Solvents: 8.4-10.0
- Class III Solvents: Insoluble

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

© and ™ Licensed trademarks of Lawter, Inc.

DISCLAIMER
The information provided herein was believed by Lawter, Inc. ("Lawter") to be accurate at the time of preparation or prepared from sources believed to be reliable, but it is the responsibility of the user to investigate and understand other pertinent sources of information, to comply with all laws and procedures applicable to the safe handling and use of the product, and to determine the suitability of the product for its intended use. All products supplied by Lawter are subject to Lawter’s terms and conditions of sale. LAWTER MAKES NO WARRANTY, EXPRESS OR IMPLIED, CONCERNING THE PRODUCT OR THE MERCHANTABILITY OR FITNESS THEREOF FOR ANY PURPOSE OR CONCERNING THE ACCURACY OF ANY INFORMATION PROVIDED BY LAWTER, except that the product shall conform to Lawter’s specifications. Nothing contained herein constitutes an offer for the sale of any product.