Rosin Modified Maleic Resin Spirit Soluble

Description
PHE 5221 99 is a spirit soluble Rosin modified Maleic resin which is modified in combination with Glycerol.

Suggested uses
- Paper Coating Varnishes
- Picture Varnishes
- Liquid Inks
- Ball Point Inks
- NC Lacquers
- French Polish

Compatibility
Flexo Additives: Compatible

Solubility / Thinability
- Alcohol: Soluble
- Ethyl and Higher Alcohol: Soluble
- Aliphatic hydrocarbon: Insoluble
- Aromatic Hydrocarbons: Insoluble

Performance
Excellent Spirit Solubility

PHE 5221 99
Typical Physical and Chemical Properties

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>% Non Volatile Content</td>
<td>100</td>
</tr>
<tr>
<td>Softening Point Ball &amp; Ring °C</td>
<td>115-130</td>
</tr>
<tr>
<td>Acid Value (mg Koh/gm)Max.</td>
<td>110-125</td>
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<tr>
<td>Reducer</td>
<td>50 % in Spirit</td>
</tr>
<tr>
<td>Colour in Gardner Scale Maximum</td>
<td>12</td>
</tr>
<tr>
<td>Viscosity in FCB4 @ 25 °C</td>
<td>16-20</td>
</tr>
</tbody>
</table>

Storage
The large contact surface the pieces of resin present make them susceptible to gradual oxidation, which can be more advanced in some batches than others. This can cause darkening and/or affect the resin’s solubility in organic solvents. Therefore, we strongly recommend keeping strict control of inventories at all times, and taking special care to ensure that the oldest material is used first. We suggest a shelf life of 1 year for this product.

Packing Codes
- PAC 3010 HDPE Wovensack: Net 25 Kgs.
- PAC 3015 Jumbobag HDPE Wovensack: Net 300 Kgs.
- PAC 3020 Jumbobag HDPE Wovensack: Net 500 Kgs

* Special packing also available on request