Rosin Modified Phenolic Resin

PHE 5008 99

Description
PHE 5008 99 is rosin modified phenolic resin which offers high melting, high molecular weight good solubility, low tack type resin.

Suggested uses
Sheetfed offset ink
Web offset ink.
Lithographic Inks
Gravure Printing Inks

Compatibility
Long Oil Alkyds                          Compatible
Medium Oil Alkyds                        Compatible
Rosinated alkyds                         Compatible
Vegetable Oils                          Compatible
Stand Oil                               Compatible

Solubility / Thinnability
Aromatic Hydrocarbons
Aliphatic hydrocarbon
Esters
Ketones
Varnishes
Vegetable Oils
Insoluble in Alcohols

Typical Physical and Chemical Properties

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
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<tbody>
<tr>
<td>% Non Volatile Content</td>
<td>100</td>
</tr>
<tr>
<td>Melting Point Ball &amp; Ring °C</td>
<td>150-160</td>
</tr>
<tr>
<td>Acid Value (mg Koh/gm)Max.</td>
<td>25</td>
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<tr>
<td>Reducer</td>
<td>50 % in Toluene</td>
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<tr>
<td>Colour in Gardner Scale Maximum</td>
<td>12</td>
</tr>
<tr>
<td>Viscosity in FCB@25 °C</td>
<td>90-110</td>
</tr>
<tr>
<td>50 % solution</td>
<td>1 : ∞</td>
</tr>
<tr>
<td>MTO /WS Tolerance Minimum</td>
<td>21 - 25</td>
</tr>
<tr>
<td>n-Heptane Tolerance</td>
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</tbody>
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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 organo-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

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