Alcohol Soluble Phenolic Resin Novolac

Description
PHE 5040 99 is a Novolac type spirit soluble Phenolic resin. The resin is soluble in methylated spirit in all proportions.

Suggested uses
- Deep freeze oil resistance flexographic Ink
- Spirit Varnishes
- Flexographic inks for food wrappers
- Aniline inks
- Rust preventive lacquers
- Road Marking Paints
- Petrol Resistant paints
- Adhesive based on neoprene rubber solution

Solubility
- Methylated Spirit Soluble
- Aromatic Hydrocarbon Insoluble
- Aliphatic Hydrocarbon Insoluble

PHE 5040 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>Melting Point Capillary Method °C</td>
<td>70 - 80</td>
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<tr>
<td>Acid Value (mg Koh/gm)Max.</td>
<td>56</td>
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<tr>
<td>Reducer</td>
<td>50 % in IMS</td>
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<tr>
<td>Viscosity @ 30°C on FCB4</td>
<td>20 -35</td>
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<tr>
<td>Appearance</td>
<td>Pale yellow to amber solid lumps</td>
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</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 6 months for this product.
Store in cool and dry place

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