POL 9053 99

Non-Reactive Polyamide Resin Alcohol Soluble

Description
POL 9053 99 is an Alcohol Soluble polyamide resin used in flexographic printing inks for plastic substrates. POL 9053 99 is special grade of polyamide having excellent tolerance to sprint and good resistance to deep freeze temperature. It is specially recommended for inks where water resistance is required. It is compatibility with modifiers commonly used in alcohol-based inks.

Suggested uses
For Gravure and Flexographics inks.
For BOPP & Co-extruded polypropylene film.
Inks for all types substrates.
Ink has good tolerance to a wide variety of solvents e.g. n-propylacetate.

Features
Excellent Adhesion to substrates, Paper cloth, Cellophane, Polyethylene, Metal Rubber & Other plastics.
Excellent printability.
Excellent resistance to oil & water.
Excellent flexibility.
Good pigment wetting.
Very low odour
Non-irritants to skin.
Thermoplastics in nature.

Typical Physical and Chemical Properties

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Appearance</td>
<td>Yellowish</td>
</tr>
<tr>
<td>Odour</td>
<td>Low</td>
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<tr>
<td>Acid Value (mg Koh/gm) Max.</td>
<td>6</td>
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<tr>
<td>Amine Value (mg Koh/gm) Max.</td>
<td>6</td>
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<tr>
<td>Softening Point, Ball and Ring C</td>
<td>105 - 115</td>
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<tr>
<td>Viscosity 50% in ethanol 30 C FCB 4 Sec</td>
<td>35 - 40</td>
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</tbody>
</table>

Packing Codes
PAC 3010 HDPE wovensack. 25 Kgs Net.
PAC 3011 Paper laminated HDPE bags. 25 Kgs Net.
PAC 3020 Jumbo bag HDPE wovensack. 500 Kgs Net

Storage
Granulated forms of resin are prone to slow oxidation, which may result in darkening and/or have an adverse effect on solubility after prolonged storage.

DOT Shipping Classification:
Non-hazardous.