Non-Reactive Polyamide Resin Alcohol Soluble

Description
POL 9057 is an Alcohol Soluble polyamide resin used in flexographic printing inks for plastic substrates. POL 9057 polyamide resin offers low gel point, low viscosity and 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 granules</td>
</tr>
<tr>
<td>Odour</td>
<td>Low</td>
</tr>
<tr>
<td>Acid Value (mg Koh/gm) Max.</td>
<td>6</td>
</tr>
<tr>
<td>Amine Value (mg Koh/gm) Max.</td>
<td>6</td>
</tr>
<tr>
<td>Softening Point , Ball and Ring C</td>
<td>125 - 130</td>
</tr>
<tr>
<td>Viscosity 50% in ethanol 30 C FCB4 Sec</td>
<td>30 -35</td>
</tr>
</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.

The information in this bulletin is believed to be accurate, but all recommendations are made without warranty since the conditions of use are beyond MPD Industries control. The listed properties are illustrative only, and not product specifications. MPD Industries Pvt. Ltd. disclaims any liability in connection with the use of the information and does not warrant against infringement by reason of the use of its products in combination with other material or in any process.