**POL 9005 99**

**Non-Reactive Polyamide Resin Co - solvent Soluble High Deep Freeze**

**Description**

POL 9005 99 is an **Co-solvent** polyamide resin with excellent resistance to deep freeze temperature. Used in flexographic and gravure inks. POL 9005 polyamide resin having better compatibility with solvent and resin like Ketonic, Nitrocellulose, and Epoxy etc.

**Suggested uses**

- For Gravure and Flexographics inks.
- Over Print Laquers
- Bopp & Co-extruded polypropylene Film
- Inks for all types of substrates

**Features**

- Excellent adhesion to substrates, Paper cloth, Cellophane, Polyethylene, Metal, rubber & other plastics.
- Excellent blocking resistance
- Fast solvent release
- Excellent water & chemical resistance
- Excellent printability
- Excellent pigment wetting
- Excellent flexibility.
- Good gloss.
- Very low odour
- Non-irritants to skin, Thermoplastics in nature.

**Solubility**

- Butanol
- Isobutanol
- npropanol
- Xylene, Toluene

**Compatibility with other resin**

- Ketonic Resins

**POL 9005 99 Typical Physical and Chemical Properties**

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Appearance</strong></td>
<td>Yellowish granules</td>
</tr>
<tr>
<td><strong>Odour</strong></td>
<td>Low</td>
</tr>
<tr>
<td><strong>Acid Value (mg Koh/gm) Max.</strong></td>
<td>6</td>
</tr>
<tr>
<td><strong>Amine Value (mg Koh/gm) Max.</strong></td>
<td>6</td>
</tr>
<tr>
<td><strong>Softening Point, Ball and Ring C</strong></td>
<td>110 - 115</td>
</tr>
<tr>
<td><strong>Viscosity 30°C FCB4 Sec</strong></td>
<td>60 - 75</td>
</tr>
<tr>
<td><strong>Maximum Reducer</strong></td>
<td>40% in Butanol: Toluene 1:2</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. The shelf life of this product can be extended by storage in full, closed containers kept in a cool, dry area.

**DOT Shipping Classification:**

Not Classified

---

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.