Non-Reactive Polyamide Resin Co-solvent Soluble untreated Olefinic Substrates

Description
POL 9009 99 is a Co-solvent polyamide resin for Untreated Olefinic Substrates. Used in flexographic and gravure inks. POL 9009 99 polyamide resin having good adhesion on untreated plastics substrates, especially on HDPE bags with compatibility to solvent and resin like Ketonic, Nitrocellulose, Epoxy etc. It has good resistance to deep freeze.

Suggested uses
For Gravure and Flexographic 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 9009 99
Typical Physical and Chemical Properties

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Appearance</td>
<td>Yellowish brown</td>
</tr>
<tr>
<td>Odour</td>
<td>Hazy granules</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>90 - 100</td>
</tr>
<tr>
<td>Viscosity 30 C FCB4 Sec</td>
<td>25 - 35</td>
</tr>
<tr>
<td>Maximum Reducer</td>
<td>40% in Toluene: IPA</td>
</tr>
<tr>
<td></td>
<td>70 : 30</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

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