FLEX-REZ™ 1084 AS C
Alcohol Soluble Polyamide Resin

IMPORTANT CHARACTERISTICS:

Flex-Rez™ 1084 AS C is a alcohol soluble non-film forming Polyamide Resin.

Flex-Rez™ 1084 AS C is exceptionally high in melt point (185°C) and should be evaluated in applications demanding high heat resistance.

Additionally, Flex-Rez™ 1084 AS C in solution will not gel at low temperatures, and when added to ordinary polyamide inks, it will impart some gel resistance.

Although Flex-Rez™ 1084 AS C is not a film former as are the other polyamide resins, this resin lends hardness to the film making it useful as a modifier for improving grease, scratch and rub resistance.

Flex-Rez™ 1084 AS C offers great potential in the formulation of unique, high performance inks for a variety of synthetic polymer substrates.

Flex-Rez™ 1084 AS C exhibits a fast solvent release.

APPLICATIONS:

- Gravure Inks
- Overprint Varnishes
- Flexographic Inks
- Heat-Seal Coatings

BENEFITS:

- High heat resistance
- Excellent gel resistance
- Promotes hardness to the film
- Improves grease, scratch and rub resistance
- Fast solvent release

Typical Properties

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
<th>Unit</th>
<th>Test Method*</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acid Value</td>
<td>&lt; 15</td>
<td>mg KOH/g</td>
<td>LIMR1</td>
</tr>
<tr>
<td>Hydroxyl Value</td>
<td>&lt; 1</td>
<td>Mg KOH/g</td>
<td>LIMR17</td>
</tr>
<tr>
<td>Melting Point</td>
<td>185</td>
<td>°C</td>
<td></td>
</tr>
</tbody>
</table>

* Lawter Standard Test Method

Updated: February 22, 2011 by AdK