FLEX-REZ™ 1155 AS C
Alcohol Soluble Polyamide Resin

IMPORTANT CHARACTERISTICS:

Flex-Rez™ 1155 AS C is alcohol soluble Polyamide Resin for pigment wetting.

Flex-Rez™ 1155 AS C is the most versatile resin of the Flex-Rez Series.

Flex-Rez™ 1155 combines excellent alcohol solubility with nitrocellulose compatibility to produce flexographic inks having excellent gloss and printability.

Flex-Rez™ 1155 also exhibits excellent tolerance for ester solvents.

The high degree of compatibility along with high solubility makes Flex-Rez™ 1155 AS C an excellent polyamide for pigment grinding. Pigment dispersion results show improved colour development, colour strength and reduced viscosity of the dispersion. For a complete system consider the Flex-Rez™ 2433 AD C for high performance properties in your ink.

Additionally, Flex-Rez™ 1155 AS C has outstanding gel resistance and can be used to improve gel characteristics when combined with traditional polyamide resins. Flex-Rez™ 1155 AS C has excellent adhesion on all difficult substrates.

Flex-Rez™ 1155 AS C is very suitable for alcohol soluble cold seal release lacquers

APPLICATIONS:

- Gravure Inks
- Overprint Varnishes
- Flexographic Inks
- Cold seal release lacquers
- Heat-Seal Coatings

BENEFITS:

- Very good pigment wetting, low viscosity
- Excellent adhesion
- Very good grease-,oil-, lard-, alkali- & water resistance
- High gloss
- Broad compatibility with cellulose-, rosin- and phenolic resins

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; 6</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></td>
</tr>
<tr>
<td>Melting Point</td>
<td>115</td>
<td>°C</td>
<td>LIMR17</td>
</tr>
</tbody>
</table>

* Lawter Standard Test Method

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