# HPR-304 Polyamide Resin



# **Description**

HPR-304 is an alcohol soluble Polyamide Resin for use in Flexo and Gravure Inks.

### **Characteristics**

- Fast solvent release
- Excellent adhesion towards BOPP, PE, Cellophane
- Excellent deep freeze, water, grease and vegetable oil resistance
- Good solubility in alcohols & esters such as Ethanol, n-Propyl Acetate or Butyl Acetate
- Good compatibility with Nitrocellulose, Ketonic Resins, Epoxy Resins
- Excellent flexibility
- Good pigment wetting

# **Suggested Application**

- Flexo and Gravure Inks
- Weather resistant inks
- O High printing speeds up to 300 m/min

# **Typical Properties**

Amine value [mg KOH/g]  $\leq 6$ Acid value [mg KOH/g]  $\leq 6$ Appearance  $\leq 6$ Pale yellow solid

Softening Point [°C]  $\leq 6$ Viscosity\* @ 30 °C, FCB4 [s]

\*in 50% Ethanol

#### **Storage**

The resin should be stored in original, unopened packaging in a cool, dry place and should not be exposed to direct sunlight. Typical storage temperatures should be between 15  $^{\circ}$ C and 30  $^{\circ}$ C.

#### **Shelf Life**

The product has a shelf life of at least 9 months from the date of manufacture.

#### **Safety**

When handling this product, please work according to the advice and information given in the safety data sheet and observe protective and workplace hygiene measures adequate for handling chemicals.

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This Technical Data Sheet can only be of an advisory nature. Our data reflect the latest state of our knowledge and are based on the characteristics established in the laboratory and on practical experience. Because there are many factors under the control of the user which may affect processing or application/use, it is necessary for the user to carry out appropriate tests to determine whether the product is technically and safely suitable for the particular purpose, prior to use. No warranties of any kind, either expressed or implied, are made regarding the product here described. We assume no liability for correctness.

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