

Description

HPR-307 is an alcohol soluble Polyamide Resin for use in Flexo and Gravure Inks as well as in coatings.

Characteristics

- Increases coefficient of friction
- 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
- Coatings
- Shrink or stretch film application
- Anti-slip applications
- High printing speeds up to 300 m/min

Typical Properties

Amine value [mg KOH/g]	≤ 6
Acid value [mg KOH/g]	≤ 6
Appearance	Pale yellow solid
Softening Point [°C]	100 - 105
Viscosity* @ 30 °C, FCB4 [s]	25 - 30

*in 35% Ethanol + 15% Ethyl Acetate

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 °C and 30 °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.