

Description

HPR-500 is a medium-viscosity cosolvent soluble Polyamide Resin for use in Flexo and Gravure Inks on untreated olefinic substrates.

Characteristics

- Fast solvent release
- Excellent adhesion towards BOPP, PE, Cellophane and metalized films
- Excellent deep freeze resistance
- Good chemical resistance
- Good compatibility with Nitrocellulose, Ketonic Resins, Epoxy Resins
- Excellent flexibility

Suggested Application

- Flexo and Gravure Inks on HDP, BOPP & coextruded PP film
- High printing speeds up to 300 m/min

Typical Properties

Amine value [mg KOH/g]	≤ 2
Acid value [mg KOH/g]	≤ 10
Appearance	light brownish solid
Softening Point [°C]	95 - 100
Viscosity* @ 30 °C, FCB4 [s]	25 - 30

*in 35% Toluene + 15% IPA

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.

 chemicals@hubergroup.com