

## HPR - 304

### Alcohol Soluble Polyamide Resin

#### Introduction

Polyamides are the reaction products of multifunctional primary amines and polybasic acids. HPR - 304 is a special grade of Polyamide (Alcohol Soluble) having excellent tolerance to spirit and good resistance to deep freeze temperatures.

#### Product Characteristics

- Stable Product
- Thermoplastic in nature
- Non - irritant to skin
- Very low odour
- Excellent flexibility
- Excellent adhesion to substrates - Paper, Cloth, Metal Rubber Cellophane, Polyethylene and other plastics
- Good pigment wetting
- Excellent printability
- Resistance to oil & water
- This is a special grade with better compatibility with other resins like Ketonic, N.C, Epoxy etc. and solvents

#### Application Area

- For Flexo / Gravure inks
- For BOPP & Coextruded Polypropylene Film
- Inks for all types of substrates
- Ink has good tolerance to a wide variety of solvents e.g. n-propylacetate, Butyl Acetate
- Ink with a broad range of press speed can be formulated (from 50 - 300 meters per minute)
- The treatment of the film should be to 38 dynes for better adhesion & Properties

#### Properties

Colour	Yellowish
Clarity	Clear
Odour	Low
Acid Value	< 6 mg KOH / gm
Amine Value	< 6 mg KOH / gm
Softening Point	110 - 120°C
Viscosity by FC B4 @30°C (50 % in Ethyl alcohol)	30 - 40 Seconds

**Note** - All technical properties are for guidance only. Our data reflect the latest of our knowledge and are based on the characteristics established in the laboratory and on practice experience. No warranties of any kind, either expressed or implied, are made regarding the products here described.