

Technical Information

Raw Material I HIND - 086 PU RESIN



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Description

HIND - 086 is a non-reactive aromatic, flexible polyurethane resin. This is used as an adhesion promoting and flexibilising resin for other film forming binders. This resin is used to formulate solvent based flexo and gravure inks for packaging films, especially OPP, PE, PET films. Inks based on this resin are recommended for surface printing as well as laminating applications.

- HIND - 086 can be used in flexo and gravure inks is completely alcohol soluble
- HIND - 086 is compatible with alcohol and ester soluble nitrocellulose and vinyl resin soln. (VAGH)
- HIND - 086 can be dilute with alcohol, esters, ketones and aromatic hydrocarbons

Key Benefits

- Excellent Adhesion characteristics.
- Heat resistance of formulated products.

Properties

Sr. No.	Properties	Specification
1.	Origin	Nonreactive Aromatic Poly Urethane
2.	Solid Content	78 ± 2 %
3.	Solvent	Ethyl Acetate
4.	Oh - Value	90 - 100 mg KOH / gm
5.	Nco - Content	max : 0.005 %
6.	Viscosity	200 - 400 cps
7.	Acid Value	max : 1.0 mg KOH / gm

Recommendation for end use

- Flexo and gravure inks on films

Formulating guidelines

This product is normally used as flexibilising resin for other film forming binders like NC/or other hard film formers.

Safety

All relevant data have been brought up to date in the Material safety Data Sheet for HIND - 086.

Note - This information has been carefully compiled from experience gained in the laboratory and under commercial conditions. However, the product's performance and its suitability for the customer's purpose depend on the particular conditions of use and the material being printed. We recommend that customers satisfy themselves that each product meets their requirements in all respects before commencing a print run. All sales are subject to our standard conditions of sale.