

Polyurethane Resin PU-8840

Product Description

PU-8840 is an aliphatic type Polyurethane Resin for TiO₂ White Ink in solvent flexo printing process on plastic films. The types of plastic films suitable are BOPP, PET, CPP, BOPA, Nylon, etc. This resin is designed for all sorts of packaging process.

Physical Properties

Appearance	Colorless Transparent Liquid
Active Content	40 ± 2 %
Solvent System	Alcohols / Esters
Density	0.9 g/cm ³
Viscosity	1000 (+/-300) mpa.s/35°C

Advantages

- Specifically for TiO₂ White Inks
- Excellent compatibility with solvent-less laminating adhesives
- Excellent ink stability without separation
- Excellent ink transfer properties with great re-solubility properties
- Better wetting / dispersing properties and viscosity control than competing PU resins
- Excellent adhesion properties and lamination forces
- Excellent printability without knife line, without blocking while keeping plates clean
- Very low odor. Almost no residual solvents

Other Resin Compatibility

- NC / Vinyl / cellulose acetate propionate / maleic / epoxy / polyester / aldehyde / ketonic

Solvent Solubility

- Acetates / acetate ketones mixture / alcohol mixture solvents

Packing & Storage

180KG Metal Drums

- 1 year or more if unopened and kept at 25C

All the information above is based on data obtained at laboratory and is not to be used for certifying the suitability of the product. Users are advised to test the product in their own system before purchase.