



TM

Issue No. 01**Revision No. 00****Issue Date: 01 APRIL 2012****Revision Date: N/A**

Product Name : PU Resin**Grade: PUR- S2230 / LIB****Category: Solution / Binder****Product Type: Polyether**

DESCRIPTION

bluthane PUR-S 2230 / LIB is a film forming, and a non-reactive thermoplastic polyurethane binder resin with a polyether based aliphatic urethane chemistry. The dry film of the resin is very soft, flexible and has a high elongation. The film has good elastomeric properties and has moderate tensile properties.

The resin is designed for formulating gravure & flexography liquid lamination inks and has very high tolerance to aliphatic alcohol solvents and esters. It exhibits good adhesion to a variety of plastic films used in flexible packaging industry.

bluthane PUR-S 2230 / LIB has low blocking resistance and heat resistance and has tack. The resin has very good solvent release properties and resolubility. It can be crosslinked with poly isocyanate crosslinkers for 2-K coatings. To increase the adhesion to non-polar film substrates use of an adhesion promoter is suggested.

CHARACTERISTICS

Slow drying
Odourless film
Good film former
Non- yellowing
Good pigment wettability & dispersion
Low blocking resistance
Low heat resistance
Compatible to NC/ Vinyls
High alcohol solubility

SPECIFICATIONS

Colour	Colourless to light yellow liquid
Solids	29 – 31 %
Viscosity	400- 900 mPa.s (25 deg C)
Specific gravity	0.82 – 0.85

SOLVENT CONTENT*

Ethyl Acetate	90 - 95 %
Isopropanol	5 - 15 %
