

**Product Name : PUD**
Grade: PUD- 2230 / AC**Category: Dispersion / Binder****Product Type: Polyether PUD**

DESCRIPTION

bluthane PUD-2230 AC is a an aqueous polyurethane dispersion having a flexible polyether based polyurethane-urea backbone and internal hydrophilic functional group to provide excellent adhesion to a variety of polymeric substrates and compatibility with acrylic & vinyl emulsions.

The PUD is designed to impart softness and flexibility to rigid polymers like acrylics and vinyls and provides synergy to the blended systems.

PUD -2230 AC yields a flexible and yet a clear tough film on the substrates coated, and ensures an excellent interface layer which helps adhere the base film and the top coat in case of laminates.

The PUD has very low VOC and contains only a minimal amount of coalescing solvent, not exceeding the international norms and is therefore a safe product to handle.

TYPICAL PROPERTIES

Properties	Values
1.Density	1.03 gms/cc
2 Form	Liquid, Translucent
3.Colour	Colourless
4. pH	7.5-8.0
5. NVM (Solids)	30 +/- 1 %
6.Ford Cup Flow (B-4)	25– 50 sec.
7.NMP content	2 – 3 %

APPLICATION PROCEDURE

PUD-2230AC may be applied by flexographic or rotogravure and roll coating methods in case it is to be coated over substrates. The coated substrates are passed through a drying chamber or under Infra-red lamps (Temp. 60-100 deg C). The coating may have slight tack and can be in-line coated with top coats.For blending with other polymer emulsions ensure the pH is 7-7.5.

PRIMARY USES

Blending with Acrylics / Vinyls to impart flexibility and adhesion, functions as a high performance plasticizer and adhesive.
