

**Product Name : PUD**
Grade: PUD- 1230 / PC**Category: Dispersion / Coating**
Product Type: Polyester PUD

DESCRIPTION

bluthane PUD 1230 PC is a water based dispersion of functionalized high molecular weight polymers. It has very low VOC and hence an environmentally friendly product than the solvent based primers. The product has very slight odour, unlike the solvent based counterparts, and increases workplace safety and comfort.

bluthane PUD 1230 PC is designed to perform as a primer or tie coat adhesive coating for paper and polymeric substrates, especially rigid vinyls used widely in digital electrophotographic printing processes. It enhances the printability of the special inks used in such systems.

It has good adhesion also to metals and functions as an adhesion promoter. It can be used as a heat sealable adhesive on polymeric films, foils and paper.

PHYSICAL PROPERTIES

Properties	Values
Appearance	Light yellow translucent liquid
Particle charge	Anionic (Aminated)
Non-volatile solids	28.0 – 30.0 %
pH	7.5 – 8.5
Specific gravity	0.98 – 1.01
Ford cup flow(B4)	20 – 50 sec (LV) 100 – 500 sec (HV)

LV: Low viscosity for roll coating

HV: High viscosity for screen coating

ADVANTAGES:

- Low VOC (volatile organic chemicals)
- No emission of volatiles during coating
- Good surface wetting & levelling
- Non-yellowing
- Good scratch resistance
- Excellent digital ink receptivity

APPLICATION PROCEDURE

bluthane PUD 1230 PC may be applied by flexographic or rotogravure, roll coating and screen coating methods. The coated substrates are passed through a drying chamber or under Infra-red lamps (Temp. 60-80 deg C). Further drying at ambient temperature may be necessary to get a dry coating.



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PUD

HANDLING

No special care is required while handling the product. However, coating may be preferably carried out in a well ventilated area.

The coating apparatus can be easily washed off the material by wiping with a damp cloth immediately after use.

SAFETY PRECAUTIONS

It is advisable to follow safety precautions as recommended to avoid accidental contact.

Use copious amounts of water to wash any spillage.

For more information refer to the MSDS.

PACKING : Available in 1kg / 5 kg / 10 kg / 30 kg in HDPE plastic containers.

ORDERING : Minimum order quantity: 5 kg
