

TECHNICAL DATASHEET

POLYIN® PE-4000E

Polyin® PE-4000E is a hydroxyl terminated saturated linear polyester which is poly(ethylene adipate) glycol.

Typical Properties

Appearance @ 60°C.....	Clear liquid
State @ 25°C.....	Solid
Hydroxyl Number.....	26.0 - 30.0
Acid Number.....	0.30 max
Color, APHA.....	25 max
Mositure,%.....	0.03 max
Viscosity @ 60°C, cps.....	3700 - 4500

Applications

Polyin® PE-4000E can be used in polyurethane elastomers, coating, adhesive etc.

Typical Handling and Storage

Product is hygroscopic. To preclude moisture pickup, do not expose to the atmosphere. This polyester can be stored at 70°C under nitrogen blanket with slow agitation for two months or can be stored at 25°C under nitrogen blanket for more than 6 years. In order to maintain liquid, this polyester should be stored above 60°C. This product is not damaged by freezing. However, it may freeze or separate due to cold. Warm to 70°C to thaw and mix until uniform.



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