

PolyU L 18000

Product Description

PolyU L 18000 is a linear polyether polyol, polyoxypropylenediol with a molecular weight of appr. 18,000 g/mol.

Technical Data

(No Specification)

Product Properties	Technical Data
Appearance at 25°C	Homogeneous, clear liquid
Hydroxyl value [mg KOH/g] (ASTM D4274-16, met.D)	5 - 7
Acid value [mg KOH/g] (ASTM D7253-16, bromothymol blue)	max. 0.05
Water content [m/m] (ASTM D4672-12)	max. 0.05 %
Colour [Hazen] (ASTM D1209-05 (2011))	max. 50
Dyn. Viscosity at 25 °C (ASTM D4878-15, met. A)	19,000 - 27,000 mPa·s
Molecular weight [g/mol]	~ 18,000
Density at 25 °C [g/ml]	~ 0.995
Flash point [°C]	>200
Total VOC [ppm]	<50

contains BHT free antioxidants

Product Properties and Applications

PolyU L 18000 is a linear polyoxypropylenediol, which has been developed for the manufacturing of polyurethane prepolymers, coatings, adhesives, sealants or elastomers, among others.

Handling and Storage

PolyU L 18000 must be stored in tightly closed containers under well-ventilated, dry conditions at a temperature of max. +40 °C. Recommended working temperature is at 20-25 °C. The viscosity increases with decreasing temperature. Under this condition, the product is storable for 12 months.

Packaging

PolyU L 18000 is available in 220 ltr. drums, 1,000 ltr. IBC or in bulk by tanker truck.

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