

Lubrizol Estane® UB601 Thermoplastic Polyurethane

Category : Polymer , Thermoplastic , Polyurethane, TP

Material Notes:

Type: Estane® UB601 resin is a linear, hydroxyl terminated polyurethane polymer designed to be used as a binder for ink formulations. For ink applications, it gives high hardness to coated surface and excellent abrasion resistance. Uses: Ink applications. Information Provided by The Lubrizol Corporation

Order this product through the following link:

http://www.lookpolymers.com/polymer_Lubrizol-Estane-UB601-Thermoplastic-Polyurethane.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.20 g/cc	1.20 g/cc	
Viscosity	1000 - 2000 cP	1000 - 2000 cP	25% in Anone Solution

Mechanical Properties	Metric	English	Comments
Tensile Strength, Ultimate	39.2 MPa	5690 psi	
Tensile Strength, Yield	20.6 MPa	2990 psi	100% elongation
Elongation at Break	270 %	270 %	

Thermal Properties	Metric	English	Comments
Glass Transition Temp, Tg	30.0 °C	86.0 °F	

Descriptive Properties	Value	Comments
Dusting Agent	Calcium Stearate	

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