

Lubrizol Estane® UB310 Thermoplastic Polyurethane

Category : Polymer , Thermoplastic , Polyurethane, TP , Thermoplastic Polyurethane (TPUR), Polyester Grade

Material Notes:

Type: Estane® UB310 is a Shore 95A, polyester based, hot melt adhesive with excellent low temperature flexibility thermoplastic polyurethane (TPU). Uses: Extrusion, Powder Coating, Ideal for Fire Hoses. Available in Americas, Europe, Middle East, Africa, India and Asia. Information Provided by The Lubrizol Corporation

Order this product through the following link:

http://www.lookpolymers.com/polymer_Lubrizol-Estane-UB310-Thermoplastic-Polyurethane.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.14 g/cc	1.14 g/cc	ASTM D792
Melt Flow	6.0 g/10 min	6.0 g/10 min	ASTM D1238
	@Load 2.16 kg, Temperature 200 °C	@Load 4.76 lb, Temperature 392 °F	
	45 g/10 min	45 g/10 min	ASTM D1238
	@Load 2.16 kg, Temperature 220 °C	@Load 4.76 lb, Temperature 428 °F	

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	95	95	ASTM D2240

Thermal Properties	Metric	English	Comments
Melting Point	98.0 °C	208 °F	Kofler; SRTM 3022-9

Descriptive Properties	Value	Comments
Appearance	Opaque	
Flexibility (Hand)	Firm	

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