

Lubrizol Estane® MVT 90AF3 Thermoplastic Polyurethane, Moisture Vapor Transmission

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

Material Notes:

Type: Estane® MVT 90AF3 TPU is a 90A aromatic polyether-based thermoplastic polyurethane. Features: High moisture vapor transmission, good physical properties and elasticity, free of organo-tin compounds. Uses: Blown and flat die/cast film extrusion. Information Provided by The Lubrizol Corporation

Order this product through the following link:

http://www.lookpolymers.com/polymer_Lubrizol-Estane-MVT-90AF3-Thermoplastic-Polyurethane-Moisture-Vapor-Transmission.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.22 g/cc	1.22 g/cc	ASTM D792

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	90	90	ASTM D2240
	@Time 5.00 sec	@Time 0.00139 hour	
Tensile Strength, Ultimate	34.5 MPa	5000 psi	ASTM D412
Tensile Strength, Yield	6.21 MPa	900 psi	at 100%; ASTM D412
	13.8 MPa	2000 psi	at 300%; ASTM D412
Elongation at Break	550 %	550 %	ASTM D412
Tear Strength	21.0 kN/m	120 pli	Trouser; ASTM D470
Graves Tear Strength	78.9 kN/m	450 pli	Die C; ASTM D624
Taber Abrasion, mg/1000 Cycles	80	80	H-18 wheel; ASTM D3389
	@Load 1.00 kg	@Load 2.20 lb	

Thermal Properties	Metric	English	Comments
Melting Point	144 °C	291 °F	DSC
Glass Transition Temp, Tg	-24.0 °C	-11.2 °F	DSC

Contact Songhan Plastic Technology Co.,Ltd.

Website : www.lookpolymers.com

Email : sales@lookpolymers.com

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

Address : United North Road 215,Fengxian District, Shanghai City,China