

Lubrizol ESTANE® T5192 Ether-Type Dissipative Compound (European Grade)

Category : Polymer , Thermoplastic , Elastomer, TPE , Polyurethane, TP , Thermoplastic Polyurethane, Elastomer, Ether Grade

Material Notes:

Description: Estane® thermoplastic polyurethanes (TPUs) include elastomeric materials that bridge the gap between flexible rubber and rigid plastics. These materials offer toughness and durability in a flexible thermoplastic elastomer system that is easy to process in a wide range of equipment. The Estane® TPU portfolio of products offers high performance polyester - and polyether - based resins and compounds in a broad range of hardnesses to meet a variety of application needs. Benefits of Estane® TPU: Outstanding Abrasion and Wear ResistanceExcellent Low Temperature FlexibilitySuperior Toughness and DurabilityEase of Processing and Manufacturing FlexibilityColorability and Paintability with no adhesion promoterApplications: Film & SheetFabric coating & melt coatingWire & CableHose, Tube & ProfileCustom moldingCustom compoundingAutomotive interior/chassis and exterior painted trimInformation provided by Noveon, Inc.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Lubrizol-ESTANE-T5192-Ether-Type-Dissipative-Compound-European-Grade.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.21 g/cc	1.21 g/cc	DIN 53479

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	82	82	DIN 53505
Tensile Strength, Ultimate	26.0 MPa	3770 psi	DIN 53504
Elongation at Break	800 %	800 %	DIN 53504
50% Modulus	0.00350 GPa	0.508 ksi	DIN 53504
100% Modulus	0.00430 GPa	0.624 ksi	DIN 53504
300% Modulus	0.00750 GPa	1.09 ksi	DIN 53504
Rebound	46 %	46 %	DIN 53512
Tear Strength	40.0 kN/m	228 pli	DIN 53515
Abrasion	55	55	mm ³ ; DIN 53516

Thermal Properties	Metric	English	Comments
Brittleness Temperature	-70.0 °C	-94.0 °F	DIN 53546

Electrical Properties	Metric	English	Comments
Volume Resistivity	2.70e+9 ohm-cm	2.70e+9 ohm-cm	ASTM D257
Surface Resistivity per Square	1.50e+10 ohm	1.50e+10 ohm	ASTM D257

Electrical Properties	Metric	English	Comments
-----------------------	--------	---------	----------

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