

Lubrizol Estane® T460AH Thermoplastic Polyurethane

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

Material Notes:

Type: Estane® T460AH is a Shore 60A, polyester grade, plasticizer-free, with low hardness and Hydrolytic Stabilizer thermoplastic polyurethane (TPU). Uses: Injection Molding. Availability: 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-T460AH-Thermoplastic-Polyurethane.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.13 g/cc	1.13 g/cc	ASTM D792

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	60	60	ASTM D2240
Tensile Strength, Ultimate	18.6 MPa	2700 psi	ASTM D412
Tensile Strength, Yield	1.57 MPa	228 psi	at 100% elongation; ASTM D412
	2.55 MPa	370 psi	at 300% elongation; ASTM D412
Elongation at Break	1000 %	1000 %	ASTM D412
Tear Strength	47.1 kN/m	269 pli	Die C; ASTM D624
Abrasion	64	64	ASTM D4649

Thermal Properties	Metric	English	Comments
Vicat Softening Point	70.0 °C	158 °F	ASTM D1525

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