

Lubrizol Estane® ALR E77A-V Thermoplastic Polyurethane

Category : Polymer , Thermoplastic , Polyurethane, TP

Material Notes:

Type: Estane® ALR E77A-V is a clear aliphatic thermoplastic polyurethane (TPU).Features: Non-yellowing with good mechanical properties.Available in AmericasInformation Provided by The Lubrizol Corporation

Order this product through the following link:

http://www.lookpolymers.com/polymer_Lubrizol-Estane-ALR-E77A-V-Thermoplastic-Polyurethane.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.05 g/cc	1.05 g/cc	ASTM D792
Linear Mold Shrinkage	0.0080 - 0.012 cm/cm	0.0080 - 0.012 in/in	ASTM D955

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	77	77	ASTM D2240
Tensile Strength, Ultimate	42.7 MPa	6200 psi	ASTM D412
Elongation at Break	550 %	550 %	ASTM D412
100% Modulus	0.00414 GPa	0.600 ksi	ASTM D412
200% Modulus	0.00621 GPa	0.900 ksi	ASTM D412
300% Modulus	0.00965 GPa	1.40 ksi	ASTM D412
Flexural Modulus	0.0159 GPa	2.30 ksi	ASTM D790

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