

Lubrizol Estane® ALR PC95A Thermoplastic Polyurethane

Category : Polymer , Thermoplastic , Polycarbonate (PC) , Polycarbonate/Thermoplastic Polyurethane Blend , Polyurethane, TP

Material Notes:

Type: Estane® ALR PC95A is a polycarbonate diol based thermoplastic polyurethane (TPU).Features: Hydrolytically stable, very durableAvailable in Americas, Europe, Middle East, Africa, India and AsiaInformation Provided by The Lubrizol Corporation

Order this product through the following link:

http://www.lookpolymers.com/polymer_Lubrizol-Estane-ALR-PC95A-Thermoplastic-Polyurethane.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.15 g/cc	1.15 g/cc	ASTM D792
Linear Mold Shrinkage	0.0060 - 0.010 cm/cm	0.0060 - 0.010 in/in	ASTM D955

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	95	95	ASTM D2240
Tensile Strength, Ultimate	49.0 MPa	7100 psi	ASTM D412
Elongation at Break	380 %	380 %	ASTM D412
100% Modulus	0.00689 GPa	1.00 ksi	ASTM D412
200% Modulus	0.0131 GPa	1.90 ksi	ASTM D412
300% Modulus	0.0303 GPa	4.40 ksi	ASTM D412
Flexural Modulus	0.0310 GPa	4.50 ksi	ASTM D790

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