

## Lubrizol Estane® ALR E72A Thermoplastic Polyurethane

Category : Polymer , Thermoplastic , Polyurethane, TP

### Material Notes:

Type: Estane® ALR E72A 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-E72A-Thermoplastic-Polyurethane.php](http://www.lookpolymers.com/polymer_Lubrizol-Estane-ALR-E72A-Thermoplastic-Polyurethane.php)

Physical Properties	Metric	English	Comments
Specific Gravity	1.04 g/cc	1.04 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	72	72	ASTM D2240
Tensile Strength, Ultimate	40.0 MPa	5800 psi	ASTM D412
Elongation at Break	660 %	660 %	ASTM D412
100% Modulus	0.00207 GPa	0.300 ksi	ASTM D412
200% Modulus	0.00345 GPa	0.500 ksi	ASTM D412
300% Modulus	0.00552 GPa	0.800 ksi	ASTM D412
Flexural Modulus	0.00689 GPa	1.00 ksi	ASTM D790

## Contact Songhan Plastic Technology Co.,Ltd.

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