

## Austin Novel Materials Texalan® 959A Polyether-based TPU

Category : Polymer , Thermoplastic , Elastomer, TPE , Polyurethane, TP , Thermoplastic Polyurethane (TPUR), Polyether Grade

**Material Notes:**

Description: Good low temperature resistance, hydro resistance, which can be used in cold and humid temperatures  
Information from Dawnentech

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Austin-Novel-Materials-Texalan-959A-Polyether-based-TPU.php](http://www.lookpolymers.com/polymer_Austin-Novel-Materials-Texalan-959A-Polyether-based-TPU.php)

Physical Properties	Metric	English	Comments
Density	1.14 - 1.18 g/cc	0.0412 - 0.0426 lb/in <sup>3</sup>	ISO 1183

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	92 - 98	92 - 98	ISO 7619
Tensile Strength	>= 45.0 MPa	>= 6530 psi	ISO 37
Tensile Stress	>= 10.0 MPa @Strain 100 %	>= 1450 psi @Strain 100 %	ISO 37
	>= 23.0 MPa @Strain 300 %	>= 3340 psi @Strain 300 %	ISO 37
Elongation at Yield	>= 420 %	>= 420 %	ISO 37
Tear Strength	>= 120 kN/m	>= 685 pli	ISO 34
K Factor (Wear Factor)	<= 60	<= 60	[mm <sup>3</sup> ]; ISO 4649
Compression Set	<= 40 % @Temperature 70.0 °C	<= 40 % @Temperature 158 °F	ISO 815

## Contact Songhan Plastic Technology Co.,Ltd.

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