

## Austin Novel Materials Texalan® 572D 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-572D-Polyether-based-TPU.php](http://www.lookpolymers.com/polymer_Austin-Novel-Materials-Texalan-572D-Polyether-based-TPU.php)

Physical Properties	Metric	English	Comments
Density	1.16 - 1.20 g/cc	0.0419 - 0.0434 lb/in <sup>3</sup>	ISO 1183

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	69 - 75	69 - 75	ISO 7619
Tensile Strength	>= 55.0 MPa	>= 7980 psi	ISO 37
Tensile Stress	>= 30.0 MPa @Strain 100 %	>= 4350 psi @Strain 100 %	ISO 37
	>= 48.0 MPa @Strain 300 %	>= 6960 psi @Strain 300 %	ISO 37
Elongation at Yield	>= 320 %	>= 320 %	ISO 37
Tear Strength	>= 210 kN/m	>= 1200 pli	ISO 34
K Factor (Wear Factor)	<= 40	<= 40	[mm <sup>3</sup> ]; ISO 4649
Compression Set	<= 45 % @Temperature 70.0 °C	<= 45 % @Temperature 158 °F	ISO 815

## Contact Songhan Plastic Technology Co.,Ltd.

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