

## Austin Novel Materials Texalan® 490A Polyester-based TPU

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

**Material Notes:**

Description: Can be considered as custom-made products which use different raw materials to meet customers special requirements  
Information from Dawnentech

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Austin-Novel-Materials-Texalan-490A-Polyester-based-TPU.php](http://www.lookpolymers.com/polymer_Austin-Novel-Materials-Texalan-490A-Polyester-based-TPU.php)

Physical Properties	Metric	English	Comments
Density	1.19 - 1.23 g/cc	0.0430 - 0.0444 lb/in <sup>3</sup>	ISO 1183

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	87 - 93	87 - 93	ISO 7619
Tensile Strength	>= 42.0 MPa	>= 6090 psi	ISO 37
Tensile Stress	>= 7.00 MPa @Strain 100 %	>= 1020 psi @Strain 100 %	ISO 37
	>= 18.0 MPa @Strain 300 %	>= 2610 psi @Strain 300 %	ISO 37
Elongation at Yield	>= 520 %	>= 520 %	ISO 37
Tear Strength	>= 85.0 kN/m	>= 485 pli	ISO 34
K Factor (Wear Factor)	<= 40	<= 40	[mm <sup>3</sup> ]; ISO 4649
Compression Set	<= 38 % @Temperature 70.0 °C	<= 38 % @Temperature 158 °F	ISO 815

## Contact Songhan Plastic Technology Co.,Ltd.

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