

## Austin Novel Materials Texalan® 290A Polyester-based TPU

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

**Material Notes:**

Description: Good abrasion resistance, tensile strength, oil resistance and transparency which can meet different demands in various industry  
Information from Dawnentech

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Austin-Novel-Materials-Texalan-290A-Polyester-based-TPU.php](http://www.lookpolymers.com/polymer_Austin-Novel-Materials-Texalan-290A-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	>= 8.50 MPa @Strain 100 %	>= 1230 psi @Strain 100 %	ISO 37
	>= 15.0 MPa @Strain 300 %	>= 2180 psi @Strain 300 %	ISO 37
Elongation at Yield	>= 500 %	>= 500 %	ISO 37
Tear Strength	>= 110 kN/m	>= 628 pli	ISO 34
K Factor (Wear Factor)	<= 60	<= 60	[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.

Website : [www.lookpolymers.com](http://www.lookpolymers.com)

Email : [sales@lookpolymers.com](mailto:sales@lookpolymers.com)

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

Address : United North Road 215,Fengxian District, Shanghai City,China