

Austin Novel Materials Texalan® 582A 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-582A-Polyether-based-TPU.php

Physical Properties	Metric	English	Comments
Density	1.08 - 1.12 g/cc	0.0390 - 0.0405 lb/in ³	ISO 1183

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	79 - 95	79 - 95	ISO 7619
Tensile Strength	>= 35.0 MPa	>= 5080 psi	ISO 37
Tensile Stress	>= 4.00 MPa @Strain 100 %	>= 580 psi @Strain 100 %	ISO 37
	>= 8.00 MPa @Strain 300 %	>= 1160 psi @Strain 300 %	ISO 37
Elongation at Yield	>= 560 %	>= 560 %	ISO 37
Tear Strength	>= 85.0 kN/m	>= 485 pli	ISO 34
K Factor (Wear Factor)	<= 80	<= 80	[mm³]; ISO 4649
Compression Set	<= 32 % @Temperature 70.0 °C	<= 32 % @Temperature 158 °F	ISO 815

Contact Songhan Plastic Technology Co.,Ltd.

Website : www.lookpolymers.com

Email : sales@lookpolymers.com

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

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