

Austin Novel Materials Texalan® 682A Polyester and Polyether based TPU

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

Material Notes:

Description: A kind of 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-682A-Polyester-and-Polyether-based-TPU.php

Physical Properties	Metric	English	Comments
Density	1.18 - 1.22 g/cc	0.0426 - 0.0441 lb/in ³	ISO 1183

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	79 - 85	79 - 85	ISO 7619
Tensile Strength	>= 32.0 MPa	>= 4640 psi	ISO 37
Tensile Stress	>= 3.50 MPa @Strain 100 %	>= 508 psi @Strain 100 %	ISO 37
	>= 8.50 MPa @Strain 300 %	>= 1230 psi @Strain 300 %	ISO 37
Elongation at Yield	>= 620 %	>= 620 %	ISO 37
Tear Strength	>= 55.0 kN/m	>= 314 pli	ISO 34
K Factor (Wear Factor)	<= 60	<= 60	[mm³]; ISO 4649
Compression Set	<= 33 % @Temperature 70.0 °C	<= 33 % @Temperature 158 °F	ISO 815

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