

Austin Novel Materials Texalan® 364D 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 which can be used in injection, extrusion purpose. Information from Dawnentech

Order this product through the following link:

http://www.lookpolymers.com/polymer_Austin-Novel-Materials-Texalan-364D-Polyester-based-TPU.php

Physical Properties	Metric	English	Comments
Density	1.20 - 1.24 g/cc	0.0434 - 0.0448 lb/in ³	ISO 1183

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	61 - 67	61 - 67	ISO 7619
Tensile Strength	>= 46.0 MPa	>= 6670 psi	ISO 37
Tensile Stress	>= 15.0 MPa @Strain 100 %	>= 2180 psi @Strain 100 %	ISO 37
	>= 26.0 MPa @Strain 300 %	>= 3770 psi @Strain 300 %	ISO 37
Elongation at Yield	>= 350 %	>= 350 %	ISO 37
Tear Strength	>= 160 kN/m	>= 913 pli	ISO 34
K Factor (Wear Factor)	<= 45	<= 45	[mm ³]; ISO 4649
Compression Set	<= 55 % @Temperature 70.0 °C	<= 55 % @Temperature 158 °F	ISO 815

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