

Austin Novel Materials Texalan® 365A 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-365A-Polyester-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	62 - 68	62 - 68	ISO 7619
Tensile Strength	>= 16.0 MPa	>= 2320 psi	ISO 37
Tensile Stress	>= 1.20 MPa @Strain 100 %	>= 174 psi @Strain 100 %	ISO 37
	>= 2.50 MPa @Strain 300 %	>= 363 psi @Strain 300 %	ISO 37
Elongation at Yield	>= 850 %	>= 850 %	ISO 37
Tear Strength	>= 40.0 kN/m	>= 228 pli	ISO 34
K Factor (Wear Factor)	<= 70	<= 70	[mm ³]; ISO 4649
Compression Set	<= 30 % @Temperature 70.0 °C	<= 30 % @Temperature 158 °F	ISO 815

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