

Elastomer Engineering E50D Polyurethane

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

Material Notes:

A polyester-based urethane with excellent strength, resilience, and abrasion resistance. Excellent in heavy-duty applications and where oils and solvents are present. Information provided by Elastomer Engineering Inc (EEI)

Order this product through the following link:

http://www.lookpolymers.com/polymer_Elastomer-Engineering-E50D-Polyurethane.php

Mechanical Properties	Metric	English	Comments
Hardness, Shore D	51	51	
Tensile Strength, Ultimate	48.3 MPa	7000 psi	
Elongation at Break	500 %	500 %	
100% Modulus	0.0105 GPa	1.53 ksi	
300% Modulus	0.0207 GPa	3.00 ksi	
Rebound	33 %	33 %	Bayshore
Tear Strength	64.0 kN/m	365 pli	Split
	109 kN/m	620 pli	Die C
Compression Set	36 %	36 %	Method B

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