

Elastomer Engineering E95C Polyurethane

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

Material Notes:

A high-performance, moderate cost formulation. A polyester/ether that combines many of the best properties of both polyester-based and polyether-based elastomers. Typical uses: Wheels, rolls, piston cups, and heavy duty shock pads, requiring high mechanical properties, hydrolytic stability, and a high degree of resistance to chemicals. Information provided by Elastomer Engineering Inc (EEI)

Order this product through the following link:

http://www.lookpolymers.com/polymer_Elastomer-Engineering-E95C-Polyurethane.php

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	95	95	
Tensile Strength, Ultimate	46.2 MPa	6700 psi	
Elongation at Break	500 %	500 %	
100% Modulus	0.0103 GPa	1.49 ksi	
300% Modulus	0.0241 GPa	3.50 ksi	
Rebound	32 %	32 %	Bayshore
Tear Strength	76.3 kN/m	435 pli	Split
	119 kN/m	680 pli	Die C
Compression Set	29 %	29 %	Method B

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