

TSE Industries Millathane® 76 Millable Polyester Polyurethane Rubber, 0.5 PHR Thanecure ZM

Category : Polymer , Thermoset , Polyester, TS , Polyurethane, TS , Thermoset Polyurethane, Elastomer, Unreinforced , Rubber or Thermoset Elastomer (TSE)

Material Notes:

Millathane 76 is a very suitable choice for use in products such as bushings, small copier rolls; automotive applications – bumpers, o-rings, hydraulic seals, belts, gaskets, solid tires – and many other high performance polyurethane applications. Millathane 76 can be vulcanized by sulfur or peroxide cured systems. Thanecure ZM is an activator for a sulfur cure of Millathane® millable polyurethanes consisting of a partial complex of zinc chloride and MBTS. All information provided by TSE Industries

Order this product through the following link:

http://www.lookpolymers.com/polymer_TSE-Industries-Millathane-76-Millable-Polyester-Polyurethane-Rubber-05-PHR-Thanecure-ZM.php

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	69	69	
Tensile Strength, Yield	33.2 MPa	4820 psi	
Elongation at Yield	600 %	600 %	
100% Modulus	0.00322 GPa	0.467 ksi	
200% Modulus	0.007343 GPa	1.065 ksi	
300% Modulus	0.01298 GPa	1.882 ksi	
Tear Strength	62.5 kN/m	357 pli	Die C
Compression Set	32.1 % @Temperature 70.0 °C, Time 79200 sec	32.1 % @Temperature 158 °F, Time 22.0 hour	

Processing Properties	Metric	English	Comments
Cure Time	12.4 min @Temperature 155 °C	0.207 hour @Temperature 311 °F	TC90

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