

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

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. Like many oil resistant synthetic rubbers, Millathane 76 requires a treated grade of sulfur to ensure proper dispersion. 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-Sulfur.php

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	62	62	
Tensile Strength, Yield	26.08 MPa	3782 psi	
Elongation at Yield	673 %	673 %	
100% Modulus	0.00202 GPa	0.293 ksi	
200% Modulus	0.00420 GPa	0.609 ksi	
300% Modulus	0.007391 GPa	1.072 ksi	
Tear Strength	55.3 kN/m	316 pli	Die C
Compression Set	40 % @Temperature 70.0 °C, Time 79200 sec	40 % @Temperature 158 °F, Time 22.0 hour	

Processing Properties	Metric	English	Comments
Cure Time	10.0 min @Temperature 155 °C	0.167 hour @Temperature 311 °F	TC90

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