

TSE Industries Millathane® 76 Millable Polyester Polyurethane Rubber, 2.5 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-25-PHR-Sulfur.php

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	70	70	
Tensile Strength, Yield	32.10 MPa	4656 psi	
Elongation at Yield	546 %	546 %	
100% Modulus	0.00398 GPa	0.577 ksi	
200% Modulus	0.008943 GPa	1.297 ksi	
300% Modulus	0.01536 GPa	2.228 ksi	
Tear Strength	58.8 kN/m	336 pli	Die C
Compression Set	58.8 % @Temperature 70.0 °C, Time 79200 sec	58.8 % @Temperature 158 °F, Time 22.0 hour	

Processing Properties	Metric	English	Comments
Cure Time	7.00 min @Temperature 155 °C	0.117 hour @Temperature 311 °F	TC90

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