

TSE Industries Millathane® 76 Millable Polyester Polyurethane Rubber, 2.0 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-20-PHR-Sulfur.php

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	72	72	
Tensile Strength, Yield	33.45 MPa	4852 psi	
Elongation at Yield	562 %	562 %	
100% Modulus	0.00394 GPa	0.571 ksi	
200% Modulus	0.008915 GPa	1.293 ksi	
300% Modulus	0.01546 GPa	2.243 ksi	
Tear Strength	61.8 kN/m	353 pli	Die C
Compression Set	38.4 %	38.4 %	
	@Temperature 70.0 °C, Time 79200 sec	@Temperature 158 °F, Time 22.0 hour	

Processing Properties	Metric	English	Comments
Cure Time	8.00 min	0.133 hour	TC90
	@Temperature 155 °C	@Temperature 311 °F	

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