

TSE Industries Millathane® 76 Millable Polyester Polyurethane Rubber, Hardness 70A, Black Sulfur Cure

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. Formulation Millathane 76 100.0 Zinc Stearate 0.5 N-550 Black 35.0 TP-955.0 MBTS 4.0 MBT 2.0 Thanecure® ZM1.0 Sulfur 1.5 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-Hardness-70A-Black-Sulfur-Cure.php

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	70	70	
Tensile Strength, Yield	23.67 MPa	3433 psi	
Elongation at Yield	490 %	490 %	
100% Modulus	0.00461 GPa	0.669 ksi	
200% Modulus	0.009915 GPa	1.438 ksi	
300% Modulus	0.01623 GPa	2.354 ksi	
Tear Strength	60.6 kN/m	346 pli	Die C

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

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