

TSE Industries Millathane® 76 Millable Polyester Polyurethane Rubber, Hardness 80A, 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 TP-95 10.0 N-330 Black 51.0 AC Poly 617A 1.5 MBT 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-80A-Black-Sulfur-Cure.php

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	80	80	
Tensile Strength, Yield	24.12 MPa	3499 psi	
Elongation at Yield	495 %	495 %	
100% Modulus	0.00560 GPa	0.812 ksi	
200% Modulus	0.01193 GPa	1.731 ksi	
300% Modulus	0.01739 GPa	2.522 ksi	
Tear Strength	63.9 kN/m	365 pli	Die C

Processing Properties	Metric	English	Comments
Cure Time	15.0 min	0.250 hour	
	@Temperature 155 °C	@Temperature 311 °F	

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