

TSE Industries Millathane® 76 Millable Polyester Polyurethane Rubber, Hardness 50A, 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 AC Poly 617A 2.0 Hi-Sil 23310.0 Calcium Carbonate 20.0 N-550 Black 3.0 Akrofax 11 LG 3.0 TP-9515.0 MBTS 4.0 MBT 2.0 Thanecure® ZM1.0 Sulfur 2.0 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-50A-Black-Sulfur-Cure.php

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	47	47	
Tensile Strength, Yield	23.77 MPa	3448 psi	
Elongation at Yield	600 %	600 %	
100% Modulus	0.00132 GPa	0.191 ksi	
200% Modulus	0.00234 GPa	0.339 ksi	
300% Modulus	0.00419 GPa	0.608 ksi	
Tear Strength	31.7 kN/m	181 pli	Die C

Processing Properties	Metric	English	Comments
Cure Time	13.0 min	0.217 hour	
	@Temperature 155 °C	@Temperature 311 °F	

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