

TSE Industries Millathane® 76 Millable Polyester Polyurethane Rubber, Hardness 50A, Non-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 Titanium Dioxide 5.0 MBTS 4.0 MBT 1.0 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-50A-Non-Black-Sulfur-Cure.php

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	50	50	
Tensile Strength, Yield	34.43 MPa	4993 psi	
Elongation at Yield	643 %	643 %	
100% Modulus	0.00155 GPa	0.225 ksi	
200% Modulus	0.00263 GPa	0.381 ksi	
300% Modulus	0.00456 GPa	0.662 ksi	
Tear Strength	47.1 kN/m	269 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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