

TSE Industries Millathane® 76 Millable Polyester Polyurethane Rubber, Hardness 80A, 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 Cumar P1010.0 Hi-Sil 23350.0 AC Poly 617A2.0 MBTS4.0 MBT2.0 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-Non-Black-Sulfur-Cure.php

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	80	80	
Tensile Strength, Yield	20.15 MPa	2922 psi	
Elongation at Yield	671 %	671 %	
100% Modulus	0.00172 GPa	0.250 ksi	
200% Modulus	0.00301 GPa	0.436 ksi	
300% Modulus	0.00509 GPa	0.738 ksi	
Tear Strength	51.5 kN/m	294 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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