

TSE Industries Millathane® 76 Millable Polyester Polyurethane Rubber, 40 PHR Non-Black, Mistron Vapor

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 Poly AC 617A 1.0 MBTS 4.0 MBT 2.0 Thanecure® ZM1.0 TP-95 10.0 Sulfur 2.0 Mistron Vapor 40 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-40-PHR-Non-Black-Mistron-Vapor.php

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	55	55	
Tensile Strength, Yield	22.24 MPa	3226 psi	
Elongation at Yield	654 %	654 %	
100% Modulus	0.00201 GPa	0.291 ksi	
200% Modulus	0.00300 GPa	0.435 ksi	
300% Modulus	0.00421 GPa	0.610 ksi	
Tear Strength	36.6 kN/m	209 pli	
Taber Abrasion, mg/1000 Cycles	27 @Load 1.00 kg	27 @Load 2.20 lb	H-18 wheel
Compression Set	59.2 % @Temperature 70.0 °C, Time 79200 sec	59.2 % @Temperature 158 °F, Time 22.0 hour	

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

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