

TSE Industries Millathane® 76 Millable Polyester Polyurethane Rubber, 60 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 617A1.0 MBT 4.0 MBT 2.0 Thanecure® ZM1.0 TP-9510.0 Sulfur 2.0 Mistron Vapor 60 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-60-PHR-Non-Black-Mistron-Vapor.php

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	65	65	
Tensile Strength, Yield	21.42 MPa	3107 psi	
Elongation at Yield	656 %	656 %	
100% Modulus	0.00262 GPa	0.380 ksi	
200% Modulus	0.00377 GPa	0.547 ksi	
300% Modulus	0.00511 GPa	0.741 ksi	
Tear Strength	43.4 kN/m	248 pli	
Taber Abrasion, mg/1000 Cycles	38	38	H-18 wheel
	@Load 1.00 kg	@Load 2.20 lb	
Compression Set	62.8 %	62.8 %	
	@Temperature 70.0 °C, Time 79200 sec	@Temperature 158 °F, Time 22.0 hour	

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

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