

TSE Industries Millathane® 76 Millable Polyester Polyurethane Rubber, 20 PHR Non-Black, Precipitated Calcium Carbonate

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 MBTS 4.0 MBT 2.0 Thanecure® ZM1.0 TP-9510.0 Sulfur 2.0 Precipitated Calcium Carbonate 20 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-20-PHR-Non-Black-Precipitated-Calcium-Carbonate.php

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	50	50	
Tensile Strength, Yield	25.88 MPa	3754 psi	
Elongation at Yield	671 %	671 %	
100% Modulus	0.00114 GPa	0.165 ksi	
200% Modulus	0.00164 GPa	0.238 ksi	
300% Modulus	0.00250 GPa	0.363 ksi	
Tear Strength	34.3 kN/m	196 pli	
Taber Abrasion, mg/1000 Cycles	19	19	H-18 wheel
	@Load 1.00 kg	@Load 2.20 lb	
Compression Set	44.5 %	44.5 %	
	@Temperature 70.0 °C, Time 79200 sec	@Temperature 158 °F, Time 22.0 hour	

Processing Properties	Metric	English	Comments
Cure Time	10.0 min	0.167 hour	
	@Temperature 155 °C	@Temperature 311 °F	

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