

TSE Industries Millathane® 76 Millable Polyester Polyurethane Rubber, Hardness 90A, Black Peroxide 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 Stearic Acid 0.5 SR 350 10.0 N-330 50.0 AC Poly 617 A 1.0 Di-Cup 40 C 3.0 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-90A-Black-Peroxide-Cure.php

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	90	90	
Tensile Strength, Yield	21.79 MPa	3161 psi	
Elongation at Yield	201 %	201 %	
100% Modulus	0.01136 GPa	1.648 ksi	
200% Modulus	0.02147 GPa	3.114 ksi	
Tear Strength	44.5 kN/m	254 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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