

TSE Industries Millathane® 76 Millable Polyester Polyurethane Rubber, Hardness 70A, Non-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 76 100.0Stearic Acid0.5Hi-Sil 23330.0Sartomer SR-2973.0Di-Cup 40C2.0All 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-70A-Non-Black-Peroxide-Cure.php

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	70	70	
Tensile Strength, Yield	24.5 MPa	3560 psi	
Elongation at Yield	386 %	386 %	
100% Modulus	0.00331 GPa	0.480 ksi	
200% Modulus	0.00678 GPa	0.984 ksi	
300% Modulus	0.01420 GPa	2.059 ksi	
Tear Strength	44.8 kN/m	256 pli	Die C

Processing Properties	Metric	English	Comments
Cure Time	15.0 min	0.250 hour	
	@Temperature 160 °C	@Temperature 320 °F	

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