

TSE Industries Millathane® 76 Millable Polyester Polyurethane Rubber, Hardness 50A, 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 Acid0.5AC Poly 617A1.0Hi-Sil 23310.0TP-9520.0Akrofax 7583.0Di-Cup 40C3.0All 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-50A-Non-Black-Peroxide-Cure.php

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	50	50	
Tensile Strength, Yield	11.36 MPa	1648 psi	
Elongation at Yield	448 %	448 %	
100% Modulus	0.00128 GPa	0.186 ksi	
200% Modulus	0.00228 GPa	0.331 ksi	
300% Modulus	0.00388 GPa	0.563 ksi	
Tear Strength	23.3 kN/m	133 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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