

TSE Industries Millathane® 76 Millable Polyester Polyurethane Rubber, 3.0 PHR MBT

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. The combination of thiazole accelerators, MBTS and MBT, enable the best possible cure for Millathane® 76. An increase in MBTS results in a higher state of cure and increased processing safety. An increase in MBT decreases scorch time and increases the state of cure. 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-30-PHR-MBT.php

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	68	68	
Tensile Strength, Yield	32.99 MPa	4785 psi	
Elongation at Yield	545 %	545 %	
100% Modulus	0.00369 GPa	0.535 ksi	
200% Modulus	0.008377 GPa	1.215 ksi	
300% Modulus	0.0150 GPa	2.18 ksi	
Tear Strength	60.4 kN/m	345 pli	Die C
Compression Set	32 %	32 %	
	@Temperature 70.0 °C, Time 79200 sec	@Temperature 158 °F, Time 22.0 hour	

Processing Properties	Metric	English	Comments
Cure Time	3.00 min	0.0500 hour	ts2
	@Temperature 155 °C	@Temperature 311 °F	
	7.00 min	0.117 hour	TC90
	@Temperature 155 °C	@Temperature 311 °F	

Contact Songhan Plastic Technology Co.,Ltd.

Website : www.lookpolymers.com

Email : sales@lookpolymers.com

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

Address : United North Road 215,Fengxian District, Shanghai City,China