

TSE Industries Millathane® 76 Millable Polyester Polyurethane Rubber, 40 PHR Carbon Black, N-774 (SRF)

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 617A 1.0 TP-9510.0 Thanecure® ZM1.0 MBTS 4.0 MBT 2.0 Sulfur 1.5 N-774 40 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-40-PHR-Carbon-Black-N-774-SRF.php

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	68	68	
Tensile Strength, Yield	21.48 MPa	3116 psi	
Elongation at Yield	646 %	646 %	
100% Modulus	0.00232 GPa	0.337 ksi	
200% Modulus	0.00498 GPa	0.723 ksi	
300% Modulus	0.008322 GPa	1.207 ksi	
Tear Strength	58.3 kN/m	333 pli	
Taber Abrasion, mg/1000 Cycles	7.0	7.0	H-18 wheel
	@Load 1.00 kg	@Load 2.20 lb	
Compression Set	52.2 %	52.2 %	
	@Temperature 70.0 °C, Time 79200 sec	@Temperature 158 °F, Time 22.0 hour	

Processing Properties	Metric	English	Comments
Cure Time	11.0 min	0.183 hour	
	@Temperature 154 °C	@Temperature 309 °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