

TSE Industries Millathane® 76 Millable Polyester Polyurethane Rubber, 3.0 PHR Luperco 130XL Peroxide

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. Curing of Millathane®76 can easily be done with many types of peroxides. Millathane76 peroxide vulcanizates have superior compression set, greater heat stability, and are more resistant to reversion than sulfur cures. Formulation Luperco 130XL 3.0 Millathane 76 100.0 Stearic Acid 0.25 Poly AC 617A 0.5N-55035.0 TP-953.0 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-30-PHR-Luperco-130XL-Peroxide.php

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	66	66	
	70	70	heat aged 70 hours @ 100°C
Tensile Strength, Yield	24.79 MPa	3596 psi	
	25.09 MPa	3639 psi	heat aged 70 hours @ 100°C
Elongation at Yield	246 %	246 %	heat aged 70 hours @ 100°C
	300 %	300 %	
100% Modulus	0.00451 GPa	0.654 ksi	
200% Modulus	0.01531 GPa	2.221 ksi	
300% Modulus	0.02468 GPa	3.579 ksi	
Tear Strength	50.1 kN/m	286 pli	Die C
	25.7 %	25.7 %	
Compression Set	@Temperature 100 °C, Time 79200 sec	@Temperature 212 °F, Time 22.0 hour	

Processing Properties	Metric	English	Comments
Cure Time	12.0 min	0.200 hour	
	@Temperature 83.3 °C	@Temperature 182 °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