

TSE Industries Millathane® 97 Millable Polyester Polyurethane Rubber, Hardness 70A

Category : Polymer , Thermoset , Polyester, TS , Polyurethane, TS , Thermoset Polyurethane, Elastomer, Unreinforced , Rubber or Thermoset Elastomer (TSE)

Material Notes:

Millathane 97 is a polyether polyurethane rubber having excellent transparency, good wear properties, a high coefficient of friction and very good UV stability. This polyurethane rubber is designed for applications in shoe soling, roll coverings and all other applications where transparent, brightly colored or decorative products are desired. Formulation Millathane 97 100Stearic Acid0.5Wacker HDK-N2030Silquest A-1720.3Irganox 10100.25SR-231 (DEGDMA)3Luperox 2310.5All information provided by TSE Industries

Order this product through the following link:

http://www.lookpolymers.com/polymer_TSE-Industries-Millathane-97-Millable-Polyester-Polyurethane-Rubber-Hardness-70A.php

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	70	70	
Tensile Strength, Yield	26.55 MPa	3851 psi	
Elongation at Yield	462 %	462 %	
100% Modulus	0.00234 GPa	0.339 ksi	
200% Modulus	0.00506 GPa	0.734 ksi	
300% Modulus	0.009839 GPa	1.427 ksi	
Tear Strength	34.5 kN/m	197 pli	Die C

Optical Properties	Metric	English	Comments
Transmission, Visible	90 %	90 %	transparent; thickness not quantified

Processing Properties	Metric	English	Comments
Cure Time	6.00 min	0.100 hour	
	@Temperature 149 °C	@Temperature 300 °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