

TSE Industries Millathane® 76 Millable Polyester Polyurethane Rubber, Hardness 65A

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 Acid0.5N-22020.0Di-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-65A.php

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	65	65	
	65	65	heat aged 70 hours at 100°C
Tensile Strength, Yield	29.0 MPa	4200 psi	
	29.56 MPa	4288 psi	heat aged 70 hours at 100°C
Elongation at Yield	328 %	328 %	heat aged 70 hours at 100°C
	362 %	362 %	
100% Modulus	0.00277 GPa	0.402 ksi	
200% Modulus	0.00945 GPa	1.37 ksi	
300% Modulus	0.02198 GPa	3.188 ksi	
Tear Strength	38.5 kN/m	220 pli	
Compression Set	16.8 %	16.8 %	heat aged 70 hours at 100°C
	@Temperature 70.0 °C, Time 79200 sec	@Temperature 158 °F, Time 22.0 hour	

Processing Properties	Metric	English	Comments
Cure Time	15.0 min	0.250 hour	
	@Temperature 155 °C	@Temperature 311 °F	

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