

## TSE Industries Millathane® 76 Millable Polyester Polyurethane Rubber

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. 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.php](http://www.lookpolymers.com/polymer_TSE-Industries-Millathane-76-Millable-Polyester-Polyurethane-Rubber.php)

Physical Properties	Metric	English	Comments
Specific Gravity	1.22 g/cc	1.22 g/cc	
Mooney Viscosity	25 - 45	25 - 45	Standard; ML(1+4)
	@Temperature 100 °C	@Temperature 212 °F	
	25 - 70	25 - 70	ML(1+4)
	@Temperature 100 °C	@Temperature 212 °F	

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	30 - 90	30 - 90	
Tensile Strength, Yield	31.0 MPa	4500 psi	
Elongation at Yield	500 %	500 %	
Resilience	10 - 20	10 - 20	%

Thermal Properties	Metric	English	Comments
Brittleness Temperature	-40.0 °C	-40.0 °F	

Descriptive Properties	Value	Comments
Appearance	Light to dark amber solid bale or milled sheets	
Compression Set	Very Good	Peroxide Cure
Health Hazard	None	
Heat Aging Resistance	Good at 100°C	sulfur cure
	Very Good at 100°C	peroxide cure
Ozone Resistance	Excellent	

<b>Storage Stability</b> Descriptive Properties	<b>Excellent</b> Value	Comments
Tear Resistance	Very Good	Sulfur Cure
Weather Resistance	Good	

## Contact Songhan Plastic Technology Co.,Ltd.

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