

## TSE Industries Millathane® 76 Millable Polyester Polyurethane Rubber, 1.0 PHR Sulfur

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. Like many oil resistant synthetic rubbers, Millathane 76 requires a treated grade of sulfur to ensure proper dispersion. 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-10-PHR-Sulfur.php](http://www.lookpolymers.com/polymer_TSE-Industries-Millathane-76-Millable-Polyester-Polyurethane-Rubber-10-PHR-Sulfur.php)

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	70	70	
Tensile Strength, Yield	33.16 MPa	4809 psi	
Elongation at Yield	588 %	588 %	
100% Modulus	0.00331 GPa	0.480 ksi	
200% Modulus	0.007460 GPa	1.082 ksi	
300% Modulus	0.01316 GPa	1.909 ksi	
Tear Strength	59.7 kN/m	341 pli	Die C
Compression Set	27.1 %	27.1 %	
	@Temperature 70.0 °C, Time 79200 sec	@Temperature 158 °F, Time 22.0 hour	

Processing Properties	Metric	English	Comments
Cure Time	8.80 min	0.147 hour	TC90
	@Temperature 155 °C	@Temperature 311 °F	

## Contact Songhan Plastic Technology Co.,Ltd.

Website : [www.lookpolymers.com](http://www.lookpolymers.com)

Email : [sales@lookpolymers.com](mailto:sales@lookpolymers.com)

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

Address : United North Road 215,Fengxian District, Shanghai City,China