

## TSE Industries Millathane® 76 Millable Polyester Polyurethane Rubber, 0.0 PHR Zinc Stearate

**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. Zinc stearate has replaced cadmium stearate due to toxicity concerns with cadmium compounds. Used as a coactivator with Thanecure® ZM it shortens cure times and improves compression set. Zinc stearate also functions as a process aid and release agent, and helps prevent sticking to mill or internal mixer surfaces. 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-00-PHR-Zinc-Stearate.php](http://www.lookpolymers.com/polymer_TSE-Industries-Millathane-76-Millable-Polyester-Polyurethane-Rubber-00-PHR-Zinc-Stearate.php)

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	70	70	
Tensile Strength, Yield	33.5 MPa	4860 psi	
Elongation at Yield	540 %	540 %	
100% Modulus	0.00414 GPa	0.600 ksi	
200% Modulus	0.009701 GPa	1.407 ksi	
300% Modulus	0.01690 GPa	2.451 ksi	
Tear Strength	62.3 kN/m	355 pli	Die C
Compression Set	33.8 % @Temperature 70.0 °C, Time 79200 sec	33.8 % @Temperature 158 °F, Time 22.0 hour	

Processing Properties	Metric	English	Comments
Cure Time	14.1 min @Temperature 155 °C	0.235 hour @Temperature 311 °F	TC90

## Contact Songhan Plastic Technology Co.,Ltd.

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