

## TSE Industries Millathane® 76 Millable Polyester Polyurethane Rubber, Hardness 90A, Black Sulfur Cure

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 76 100.0 Zinc Stearate 0.5 Struktol WB2220.5 Cumar R-310.0N-550 Black 60.0 AC Poly 617A1.0 MBTS 4.0 MBT 2.0 Thanecure® ZM1.0 Sulfur 1.5 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-Hardness-90A-Black-Sulfur-Cure.php](http://www.lookpolymers.com/polymer_TSE-Industries-Millathane-76-Millable-Polyester-Polyurethane-Rubber-Hardness-90A-Black-Sulfur-Cure.php)

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	88	88	
Tensile Strength, Yield	17.9 MPa	2600 psi	
Elongation at Yield	350 %	350 %	
100% Modulus	0.00896 GPa	1.30 ksi	
200% Modulus	0.0150 GPa	2.17 ksi	
300% Modulus	0.0169 GPa	2.45 ksi	
Tear Strength	63.0 kN/m	359 pli	Die C

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

## Contact Songhan Plastic Technology Co.,Ltd.

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