

## TSE Industries Millathane® 76 Millable Polyester Polyurethane Rubber, Hardness 60A, 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 N-550 Black 15.0 TP-955.0 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-60A-Black-Sulfur-Cure.php](http://www.lookpolymers.com/polymer_TSE-Industries-Millathane-76-Millable-Polyester-Polyurethane-Rubber-Hardness-60A-Black-Sulfur-Cure.php)

| Mechanical Properties   | Metric       | English   | Comments |
|-------------------------|--------------|-----------|----------|
| Hardness, Shore A       | 60           | 60        |          |
| Tensile Strength, Yield | 28.76 MPa    | 4171 psi  |          |
| Elongation at Yield     | 564 %        | 564 %     |          |
| 100% Modulus            | 0.00227 GPa  | 0.329 ksi |          |
| 200% Modulus            | 0.00498 GPa  | 0.723 ksi |          |
| 300% Modulus            | 0.008770 GPa | 1.272 ksi |          |
| Tear Strength           | 59.9 kN/m    | 342 pli   | Die C    |

| Processing Properties | Metric              | English             | Comments |
|-----------------------|---------------------|---------------------|----------|
| Cure Time             | 10.0 min            | 0.167 hour          |          |
|                       | @Temperature 155 °C | @Temperature 311 °F |          |

## Contact Songhan Plastic Technology Co.,Ltd.

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