

## TSE Industries Millathane® CM Millable Polyether Urethane Rubber with Plasticizer SC

Category : Polymer , Thermoset , Polyester, TS , Polyurethane, TS , Thermoset Polyurethane, Elastomer, Unreinforced , Rubber or Thermoset Elastomer (TSE)

### Material Notes:

MILLATHANE CM is a sulfur and peroxide curable polyether urethane rubber. Its outstanding property is its great resistance to abrasion, which makes it of special interest for articles that are subjected to high wear in service. It has a unique combination of excellent properties, such as low temperature characteristics, and resistance to heat deterioration, ozone cracking, weathering and swelling in oils or solvents. Formulation Millathane CM 100.0N-330 Carbon Black 30.0 Plasticizer SC 15.0 MBTS 4.0 MBT 1.0 Sulfur 0.75 CAYTUR 40.35 Zinc Stearate 0.50 All information provided by TSE Industries

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_TSE-Industries-Millathane-CM-Millable-Polyether-Urethane-Rubber-with-Plasticizer-SC.php](http://www.lookpolymers.com/polymer_TSE-Industries-Millathane-CM-Millable-Polyether-Urethane-Rubber-with-Plasticizer-SC.php)

| Mechanical Properties   | Metric     | English  | Comments                        |
|-------------------------|------------|----------|---------------------------------|
| Hardness, Shore A       | 59         | 59       | aged in air at 100°C for 4 days |
|                         | 60         | 60       |                                 |
| Tensile Strength, Yield | 23.8 MPa   | 3450 psi | aged in air at 100°C for 4 days |
|                         | 27.9 MPa   | 4050 psi |                                 |
| Elongation at Break     | 370 %      | 370 %    | aged in air at 100°C for 4 days |
|                         | 480 %      | 480 %    |                                 |
| 300% Modulus            | 0.0121 GPa | 1.75 ksi |                                 |
|                         | 0.0159 GPa | 2.30 ksi | aged in air at 100°C for 4 days |

## Contact Songhan Plastic Technology Co.,Ltd.

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