

TSE Industries Millathane® CM Millable Polyether Urethane Rubber with Monoplex DOS Plasticizer

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 Monoplex DOS 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-Monoplex-DOS-Plasticizer.php

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	61	61	
	63	63	aged in air at 100°C for 4 days
Tensile Strength, Yield	18.3 MPa	2650 psi	aged in air at 100°C for 4 days
	24.1 MPa	3500 psi	
Elongation at Break	310 %	310 %	aged in air at 100°C for 4 days
	460 %	460 %	
300% Modulus	0.0121 GPa	1.75 ksi	
	0.0162 GPa	2.35 ksi	aged in air at 100°C for 4 days

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