

TSE Industries Millathane® CM Millable Polyether Urethane Rubber with 1-D Heavy Oil 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 30.01-D Heavy Oil 15.0MBTS 4.0MBT 1.0Sulfur 0.75CAYTUR 40.35Zinc 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-1-D-Heavy-Oil-Plasticizer.php

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	60	60	
	63	63	aged in air at 100°C for 4 days
Tensile Strength, Yield	22.1 MPa	3200 psi	aged in air at 100°C for 4 days
	31.7 MPa	4600 psi	
Elongation at Break	470 %	470 %	aged in air at 100°C for 4 days
	610 %	610 %	
300% Modulus	0.00862 GPa	1.25 ksi	
	0.0124 GPa	1.80 ksi	aged in air at 100°C for 4 days

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