

TSE Industries Millathane® CM Millable Polyether Urethane Rubber with Hercoflex 600 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 Hercoflex 600 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-Hercoflex-600-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	24.5 MPa	3550 psi	aged in air at 100°C for 4 days
	27.75 MPa	4025 psi	
Elongation at Break	370 %	370 %	aged in air at 100°C for 4 days
	470 %	470 %	
300% Modulus	0.0128 GPa	1.85 ksi	
	0.0172 GPa	2.50 ksi	aged in air at 100°C for 4 days

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