

TSE Industries Millathane® CM Millable Polyether Urethane Rubber with Cumar W 2 1/2 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 30.0Cumar W 2 1/2 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-Cumar-W-2-12-Plasticizer.php

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	65	65	aged in air at 100°C for 4 days
	67	67	
Tensile Strength, Yield	30.51 MPa	4425 psi	aged in air at 100°C for 4 days
	34.5 MPa	5000 psi	
Elongation at Break	440 %	440 %	aged in air at 100°C for 4 days
	510 %	510 %	
300% Modulus	0.01569 GPa	2.275 ksi	aged in air at 100°C for 4 days
	0.0172 GPa	2.50 ksi	

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