

## TSE Industries Millathane® CM Millable Polyether Urethane Rubber with 45 PHR N339 Filler

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 100.0N33945.0Coumarone-Indene Resin15.0MBTS4.0MBT1.0Sulfur0.75CAYTUR 40.35Zinc Stearate0.50All 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-45-PHR-N339-Filler.php](http://www.lookpolymers.com/polymer_TSE-Industries-Millathane-CM-Millable-Polyether-Urethane-Rubber-with-45-PHR-N339-Filler.php)

Physical Properties	Metric	English	Comments
Specific Gravity	1.22 g/cc	1.22 g/cc	
Mooney Viscosity	33	33	
	@Temperature 121 °C	@Temperature 250 °F	

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	73	73	
Tensile Strength, Yield	35.5 MPa	5150 psi	
Elongation at Yield	540 %	540 %	
100% Modulus	0.00362 GPa	0.525 ksi	
300% Modulus	0.0159 GPa	2.30 ksi	
Tear Strength	64.5 kN/m	368 pli	Graves
Abrasion	340	340	NBS Index
Compression Set	29 %	29 %	Method B

Processing Properties	Metric	English	Comments
Cure Time	60.0 min	1.00 hour	
	@Temperature 142 °C	@Temperature 287 °F	

**Contact Songhan Plastic Technology Co.,Ltd.**

Website : [www.lookpolymers.com](http://www.lookpolymers.com)

Email : [sales@lookpolymers.com](mailto:sales@lookpolymers.com)

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

Address : United North Road 215, Fengxian District, Shanghai City, China