

TSE Industries Millathane® E34 Millable Polyether Polyurethane Rubber with 3.0 PHR Di-Cup 40C

Category : Polymer , Thermoset , Polyester, TS , Polyurethane, TS , Thermoset Polyurethane, Elastomer, Unreinforced , Rubber or Thermoset Elastomer (TSE)

Material Notes:

MILLATHANE E34 is a high performance polyether polyurethane rubber for applications requiring: high abrasion resistance, low temperature flexibility, ozone resistance, oil and fuel resistance, outstanding hydrolytic stability and improved processing. MILLATHANE E34 can be compounded and processed by the use of conventional rubber manufacturing equipment – mixed on two roll mills or an internal mixer. Compounds can be – calendered; extruded; injection, transfer, or compression molded – to produce finished polyurethane parts. It can be vulcanized by organic peroxides or sulfur with thiazole accelerators. Formulation Millathane E34 100.0 Stearic Acid 0.5 N220 Black 20.0 Di-Cup 40C 3.0 All information provided by TSE Industries

Order this product through the following link:

http://www.lookpolymers.com/polymer_TSE-Industries-Millathane-E34-Millable-Polyether-Polyurethane-Rubber-with-30-PHR-Di-Cup-40C.php

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	>= 60	>= 60	
Tensile Strength, Yield	19.90 MPa	2886 psi	
Elongation at Yield	430 %	430 %	
100% Modulus	0.00160 GPa	0.232 ksi	
200% Modulus	0.00370 GPa	0.537 ksi	
300% Modulus	0.00710 GPa	1.03 ksi	

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