

## TSE Industries Millathane® E34 Millable Polyether Polyurethane Rubber with Butyl Oleate

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 Zinc Stearate 0.5N-330 Black 30.0 MBTS 4.0 MBT 2.0 Thanecure® ZM1.0 Sulfur 1.5 Butyl Oleate 10.0 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-Butyl-Oleate.php](http://www.lookpolymers.com/polymer_TSE-Industries-Millathane-E34-Millable-Polyether-Polyurethane-Rubber-with-Butyl-Oleate.php)

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	>= 63	>= 63	

Thermal Properties	Metric	English	Comments
Minimum Service Temperature, Air	-53.0 °C	-63.4 °F	Retraction Temperature, TR10; ASTM D1329
Brittleness Temperature	-85.0 °C	-121 °F	ASTM D746

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