

TSE Industries Millathane® 66 Millable Polyurethane Rubber

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

Material Notes:

Millathane 66 is a peroxide-curable polyurethane rubber for the production of oil, fuel and chemical resistant parts which require excellent low and high temperature performance and high mechanical strength. Example Formulation Millathane 66 100.0 Stearic Acid 0.25 Stabaxol P 3.0 N330 Black 20.0 Di-Cup 40 C6.5 TAC1.0 All information provided by TSE Industries

Order this product through the following link:

http://www.lookpolymers.com/polymer_TSE-Industries-Millathane-66-Millable-Polyurethane-Rubber.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.19 g/cc	1.19 g/cc	approximately

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	68	68	Formulation Example
Tensile Strength, Yield	28.99 MPa	4205 psi	Formulation Example
Elongation at Yield	310 %	310 %	Formulation Example
100% Modulus	0.00380 GPa	0.551 ksi	Formulation Example
200% Modulus	0.01231 GPa	1.785 ksi	
300% Modulus	0.02748 GPa	3.985 ksi	Formulation Example
Tear Strength	37.0 kN/m	211 pli	Formulation Example
Compression Set	11 % @Temperature 100 °C, Time 79200 sec	11 % @Temperature 212 °F, Time 22.0 hour	Formulation Example

Processing Properties	Metric	English	Comments
Shelf Life	12.0 Month	12.0 Month	under dry and cool conditions

Descriptive Properties	Value	Comments
Appearance	White to amber solid bale or milled sheets	

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