

Trelleborg R644 Commercial Natural Rubber Polyisoprene

Category : Polymer , Thermoset , Rubber or Thermoset Elastomer (TSE)

Material Notes:

All information provided by Trelleborg

Order this product through the following link:

http://www.lookpolymers.com/polymer_Trelleborg-R644-Commercial-Natural-Rubber-Polyisoprene.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.31 g/cc	1.31 g/cc	

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	65	65	
Tensile Strength, Yield	10.0 MPa	1450 psi	
Elongation at Break	600 %	600 %	
Tear Strength	26.0 kN/m	148 pli	
Abrasion	200	200	mm ³ ; 10 N Load
Compression Set	35 % @Temperature 70.0 °C, Time 79200 sec	35 % @Temperature 158 °F, Time 22.0 hour	

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Air	80.0 °C	176 °F	
Minimum Service Temperature, Air	-45.0 °C	-49.0 °F	

Descriptive Properties	Value	Comments
Color	Green	

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