

Trelleborg R431 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-R431-Natural-Rubber-Polyisoprene.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.03 g/cc	1.03 g/cc	

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	45	45	
Tensile Strength, Yield	16.0 MPa	2320 psi	
Elongation at Break	600 %	600 %	
Tear Strength	27.0 kN/m	154 pli	
Abrasion	90	90	mm ³ ; 5 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	85.0 °C	185 °F	
Minimum Service Temperature, Air	-50.0 °C	-58.0 °F	

Descriptive Properties	Value	Comments
Color	Black	

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