

## Trelleborg R449 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-R449-Natural-Rubber-Polyisoprene.php](http://www.lookpolymers.com/polymer_Trelleborg-R449-Natural-Rubber-Polyisoprene.php)

Physical Properties	Metric	English	Comments
Specific Gravity	1.28 g/cc	1.28 g/cc	

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	50	50	
Tensile Strength, Yield	10.0 MPa	1450 psi	
Elongation at Break	500 %	500 %	
Tear Strength	15.0 kN/m	85.6 pli	
Abrasion	250	250	mm <sup>3</sup> ; 10 N Load
Compression Set	40 % @Temperature 70.0 °C, Time 79200 sec	40 % @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	-40.0 °C	-40.0 °F	

Descriptive Properties	Value	Comments
Color	Red	

## Contact Songhan Plastic Technology Co.,Ltd.

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