

Trelleborg T621 Butyl Rubber

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

Material Notes:

Butyl rubber is a copolymer of isobutylene and a small percentage of isoprene. Properties With careful compounding Butyl has really good tensile strength. Butyl has very low permeability to air and other gases. Excellent resistance to ozone, oxidation and sunlight. Butyl has very low resilience which makes it ideal for vibration damping and shock absorption applications. Butyl has moderate resistance to abrasion and compression set. Resistance to chemicals; resistance to most inorganic products. Highly resistant to mineral acids, alkalines and aqueous acids. Not recommended to use in contact with oils, or hydrocarbon solvents. All information provided by Trelleborg

Order this product through the following link:

http://www.lookpolymers.com/polymer_Trelleborg-T621-Butyl-Rubber.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.18 g/cc	1.18 g/cc	

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	65	65	
Tensile Strength, Yield	9.00 MPa	1310 psi	
Elongation at Break	400 %	400 %	
Tear Strength	30.0 kN/m	171 pli	
Compression Set	25 %	25 %	
	@Temperature 70.0 °C, Time 79200 sec	@Temperature 158 °F, Time 22.0 hour	

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Air	130 °C	266 °F	
Minimum Service Temperature, Air	-40.0 °C	-40.0 °F	

Descriptive Properties	Value	Comments
Color	Black	

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