

Trelleborg Commercial Neoprene® C500 Chloroprene

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

Material Notes:

CR or Chloroprene is a homopolymer of chloroprene or chlorobutadiene. NEOPRENE® Properties Excellent mechanical and abrasion properties even without reinforcing fillers. Reasonable resilience in grades over 60° Shore A. Good resistance to heat, ozone and weathering. Flame retardant grades available. Good adhesion to metal. Resistance to chemicals; resistant to inorganic chemical products, except oxidizing acids and halogens. Moderate resistance to aliphatic hydrocarbons. All information provided by Trelleborg

Order this product through the following link:

http://www.lookpolymers.com/polymer_Trelleborg-Commercial-Neoprene-C500-Chloroprene.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.35 g/cc	1.35 g/cc	

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	50	50	
Tensile Strength, Yield	4.50 MPa	653 psi	
Elongation at Break	400 %	400 %	
Tear Strength	13.0 kN/m	74.2 pli	
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	100 °C	212 °F	
Minimum Service Temperature, Air	-30.0 °C	-22.0 °F	

Descriptive Properties	Value	Comments
Color	Black	

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