

Trelleborg P650 Epichlorohydrin

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

Material Notes:

There are three types of epichlorohydrin: 1. Homopolymers of epichlorohydrin. Designated CO.2. Copolymers of epichlorohydrin and ethylene oxide. Designated ECO. Terpolymers of epichlorohydrin, ethylene oxide and a unsaturated monomer make it possible to vulcanize using sulphur. Designated GECO. Properties Excellent resistance to ozone and weathering. Good high temperature resistance. Reasonable low temperature resistance. Very low permeability to gases -- even better than Butyl rubber. Good fire resistance. Excellent elasticity. Resistance to Chemicals; resistant to hydrocarbon products. Their good oil resistance properties are very similar to those of medium to high Nitrile grades. Superior resistance to aromatic hydrocarbons. Reasonable resistance to alcohol, alkalies and diluted mineral acids. Limited resistance to most organic chemical products and are not recommended for use with oxidizing agents and chlorine. All information provided by Trelleborg

Order this product through the following link:

http://www.lookpolymers.com/polymer_Trelleborg-P650-Epichlorohydrin.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.40 g/cc	1.40 g/cc	

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	65	65	
Tensile Strength, Yield	10.5 MPa	1520 psi	
Elongation at Break	300 %	300 %	
Compression Set	25 % @Temperature 100 °C, Time 79200 sec	25 % @Temperature 212 °F, Time 22.0 hour	

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Air	135 °C	275 °F	
Minimum Service Temperature, Air	-35.0 °C	-31.0 °F	

Descriptive Properties	Value	Comments
Color	Black	

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