

Precision Polymer Engineering C70R Chloroprene Rubber

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

Material Notes:

Red Iron Oxide filled, Chloroprene Rubber, 66-75 °IRHD. Flame retarding. Applications: A versatile rubber with good compression set properties, giving moderate resistance to petroleum based oils. Formulated to exhibit flame retarding properties.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Precision-Polymer-Engineering-C70R-Chloroprene-Rubber.php

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	68	68	°IRHD; ASTM D1415
	74	74	°IRHD, +6 change after 168 hours @ 70°C; ASTM D1415
Tensile Strength, Yield	9.38 MPa	1360 psi	ASTM D412
	9.7083 MPa	1408.1 psi	3.5% change after 168 hours @ 70°C; ASTM D412
Elongation at Break	346.21 %	346.21 %	-11% change after 168 hours @ 70°C; ASTM D412
	389 %	389 %	ASTM D412
Compression Set	43 %	43 %	24 hours @ 70°C; ASTM D395

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Air	125 °C	257 °F	
Minimum Service Temperature, Air	-40.0 °C	-40.0 °F	
	-40.0 °C	-40.0 °F	Non-brittle after 3 minutes
Flash Point	>= 260 °C	>= 500 °F	

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