

Precision Polymer Engineering C90B Chloroprene Rubber

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

Material Notes:

Chloroprene Rubber, 86-95 °IRHD. To meet British Standard BS5176 line call-out M2BC907. Applications: A versatile rubber with good compression set properties, giving moderate resistance to petroleum based oils, ozone and weather. Widely used for sealing refrigeration fluids.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Precision-Polymer-Engineering-C90B-Chloroprene-Rubber.php

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	90	90	°IRHD; ASTM D1415
	75 - 105	75 - 105	°IRHD, ±15 change after 70 hours @ 100°C; ASTM D1415
Tensile Strength, Yield	7.00 MPa	1020 psi	ASTM D412
	4.90 - 9.10 MPa	711 - 1320 psi	±30% change after 70 hours @ 100°C; ASTM D412
Elongation at Break	50 %	50 %	-50% change after 70 hours @ 100°C; ASTM D412
	100 %	100 %	ASTM D412
Compression Set	35 %	35 %	22 hours @ 70°C; ASTM D395

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Air	125 °C	257 °F	
Minimum Service Temperature, Air	-35.0 °C	-31.0 °F	
	-30.0 °C	-22.0 °F	Non-brittle after 3 minutes
Flash Point	>= 260 °C	>= 500 °F	

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