

## Precision Polymer Engineering C70M Chloroprene Rubber

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

### Material Notes:

Chloroprene Rubber, 66-75 °IRHD. Formulated to meet British Standard BS2752 grade C70. Applications: A versatile rubber with good compression set properties, giving moderate resistance to petroleum based oils, ozone and weather.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Precision-Polymer-Engineering-C70M-Chloroprene-Rubber.php](http://www.lookpolymers.com/polymer_Precision-Polymer-Engineering-C70M-Chloroprene-Rubber.php)

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	68	68	°IRHD; ASTM D1415
	72	72	°IRHD, +4 change after 168 hours @ 70°C; ASTM D1415
Tensile Strength, Yield	10.96 MPa	1590 psi	ASTM D412
	11.234 MPa	1629.4 psi	2.5% change after 168 hours @ 70°C; ASTM D412
Elongation at Break	289.75 %	289.75 %	-5% change after 168 hours @ 70°C; ASTM D412
	305 %	305 %	ASTM D412
Compression Set	11 %	11 %	24 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	

## Contact Songhan Plastic Technology Co.,Ltd.

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