

## Precision Polymer Engineering H70B Epichlorohydrin

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

### Material Notes:

Peroxide Cured, Epichlorohydrin Rubber, 65-75 °IRHD. Terpolymer of epichlorohydrin, ethylene oxide and an unsaturated monomer. ASTM and ISO designation = GECO. Applications: Excellent resistance to petroleum based oils and fuels. Becoming widely used in military and automotive applications where its low and high temperature operating range is superior to that of nitrile. Good resistance to water, acids, ozone and weathering.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Precision-Polymer-Engineering-H70B-Epichlorohydrin.php](http://www.lookpolymers.com/polymer_Precision-Polymer-Engineering-H70B-Epichlorohydrin.php)

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	70	70	°IRHD; ASTM D1415
	71	71	°IRHD, +1 change after 70 hours @ 140°C; ASTM D1415
Tensile Strength, Yield	10.3 MPa	1490 psi	ASTM D412
	10.918 MPa	1583.5 psi	6% change after 70 hours @ 140°C; ASTM D412
Elongation at Break	281.6 %	281.6 %	-12% change after 70 hours @ 140°C; ASTM D412
	320 %	320 %	ASTM D412
Compression Set	20 %	20 %	24 hours @ 100°C; ASTM D395

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Air	150 °C	302 °F	
Minimum Service Temperature, Air	-55.0 °C	-67.0 °F	Non-brittle after 3 minutes
	-50.0 °C	-58.0 °F	
Flash Point	>= 250 °C	>= 482 °F	

## Contact Songhan Plastic Technology Co.,Ltd.

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