

Precision Polymer Engineering V70B Fluoroelastomer Compound

Category : Polymer , Thermoset , Fluoropolymer, TS , Thermoset Fluoroelastomer , Rubber or Thermoset Elastomer (TSE)

Material Notes:

Fluoroelastomer Rubber, 66-75 °IRHD. Copolymer of vinylidene fluoride and hexafluoropropylene. Applications: Excellent resistance to oils, fuels and hydraulic fluids at high temperature.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Precision-Polymer-Engineering-V70B-Fluoroelastomer-Compound.php

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	70	70	°IRHD; ASTM D1415
	75	75	°IRHD, +5 change after 72 hours @ 250°C; ASTM D1415
Tensile Strength, Yield	12.08 MPa	1752 psi	-20% change after 72 hours @ 250°C; ASTM D412
	15.1 MPa	2190 psi	ASTM D412
Elongation at Break	297 %	297 %	-10% change after 72 hours @ 250°C; ASTM D412
	330 %	330 %	ASTM D412
Compression Set	15 %	15 %	24 hours @ 200°C; ASTM D395

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Air	200 °C	392 °F	
Minimum Service Temperature, Air	-20.0 °C	-4.00 °F	
Flash Point	>= 315 °C	>= 599 °F	

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