

Precision Polymer Engineering V72G Fluoroelastomer Compound

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

Material Notes:

Green Fluoroelastomer Rubber, 66-75 °IRHD. Copolymer of vinylidene fluoride and hexafluoropropylene. Applications: Excellent resistance to oils, fuels and hydraulic fluids at high temperatures. Accepted by the MOD to Defence Standard 02-337 Part 1. Issue 1 (NES 337)

Order this product through the following link:

http://www.lookpolymers.com/polymer_Precision-Polymer-Engineering-V72G-Fluoroelastomer-Compound.php

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	69	69	°IRHD; ASTM D1415
	71	71	°IRHD, +2 change after 72 hours @ 250°C; ASTM D1415
Tensile Strength, Yield	12.672 MPa	1837.9 psi	-1% change after 72 hours @ 250°C; ASTM D412
	12.8 MPa	1860 psi	ASTM D412
Elongation at Break	140.8 %	140.8 %	-12% change after 72 hours @ 250°C; ASTM D412
	160 %	160 %	ASTM D412
Compression Set	10 %	10 %	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	

Descriptive Properties	Value	Comments
Low Temperature Flexibility, °C	-17	

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