

Precision Polymer Engineering V75G Fluoroelastomer Compound

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

Material Notes:

Green Fluoroelastomer Rubber, 70-80 °IRHD. Diesel liner ring grade. Copolymer of vinylidene fluoride and hexafluoropropylene. To meet ASTM D2000 line call-out:- M2HK707, A1-10, B38, EF31, E078, F15, Z1, Z2. Where Z1 = colour green and Z2 = comp-set 30% max.Applications: Excellent resistance to oils, fuels and hydraulic fluids at high temperatures.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Precision-Polymer-Engineering-V75G-Fluoroelastomer-Compound.php

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	71	71	°IRHD; ASTM D1415
	73	73	°IRHD, +2 change after 72 hours @ 250°C; ASTM D1415
Tensile Strength, Yield	9.00 MPa	1310 psi	ASTM D412
	9.90 MPa	1440 psi	10% change after 72 hours @ 250°C; ASTM D412
Elongation at Break	150 %	150 %	-25% change after 72 hours @ 250°C; ASTM D412
	200 %	200 %	ASTM D412
Compression Set	17 %	17 %	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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