

Freudenberg Simrit V189 Non-Black Compound

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

Material Notes:

Specific compounding ingredients can reduce or eliminate the presence of carbon black. These compounds may provide improved resistance to oxidative environments and reactive plasmas. The inorganic pigments are not recommended for use in wet chemical environments as they have been shown to increase the extractable ionic contamination.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Freudenberg-Simrit-V189-Non-Black-Compound.php

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	75	75	
Tensile Strength, Ultimate	13.3 MPa	1930 psi	
Elongation at Break	180 %	180 %	
Compression Set	15 % @Temperature 200 Â°C, Time 252000 sec	15 % @Temperature 392 Â°F, Time 70.0 hour	

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Air	200 Â°C	392 Â°F	
Minimum Service Temperature, Air	-20.0 Â°C	-4.00 Â°F	

Descriptive Properties	Value	Comments
Color	Brown	

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