

Freudenberg Simrit V141 Standard Fluoroelastomer

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

Material Notes:

Excellent resistance to petroleum products and solvents. Very good high-temperature performance. Fluorocarbon elastomers make up the most widely used seals in the semiconductor industry. Avoid polar solvents, amines, anhydrous ammonia, skydrol, hydrazine and hot acids.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Freudenberg-Simrit-V141-Standard-Fluoroelastomer.php

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	79	79	
Tensile Strength, Ultimate	15.7 MPa	2280 psi	
Elongation at Break	230 %	230 %	
Compression Set	29 % @Temperature 200 Â°C, Time 252000 sec	29 % @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	-15.0 Â°C	5.00 Â°F	

Descriptive Properties	Value	Comments
Color	Black	

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