

Freudenberg Simrit Superior[®],ç F850 Fluoroelastomer

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

Material Notes:

Cost-effective, high performance compound for semiconductor applications. Superior F850 offers outstanding plasma resistance and low particulation in a wide range of plasma environments.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Freudenberg-Simrit-Superior-F850-Fluoroelastomer.php

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	85	85	
Tensile Strength, Ultimate	27.0 MPa	3920 psi	
Elongation at Break	330 %	330 %	
100% Modulus	0.00630 GPa	0.914 ksi	
Compression Set	22 % @Temperature 175 Â°C, Time 252000 sec	22 % @Temperature 347 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	Off-white	

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