

Fluoroelastomer 931

Fluoroelastomer

Greene, Tweed & Co.

Message:

Fluoroelastomer 931 performs well in aggressive chemicals and where ultrapure materials are not required. Recommended for conventional wet and dry applications, Fluoroelastomer 931 has a good field performance history in both dynamic and static applications. Fluoroelastomer 931 is excellent for high sealing load designs.

General Information		
Features	Good Chemical Resistance	
Uses	Gaskets	
	Seals	
	Valves/Valve Parts	
Appearance	Black	
Forms	Pellets	
Physical	Nominal Value	Unit
Specific Gravity	1.84	g/cm ³
Hardness	Nominal Value	Unit
Durometer Hardness (Shore A)	90	
Elastomers	Nominal Value	Unit
Tensile Stress		
50% Strain	6.45	MPa
100% Strain	11.2	MPa
Tensile Strength (Break)	15.5	MPa
Tensile Elongation (Break)	140	%
Compression Set ¹ (204°C, 70 hr)	27	%
Thermal	Nominal Value	Unit
Continuous Use Temperature	-30.0 to 200	°C
Service Temperature - Excursion	-30 to 250	°C
NOTE		
1.	25% Deflection	

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Recommended distributors for this material

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