

Greene Tweed Fluoroelastomer 931 FKM

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

Material Notes:

Fluoroelastomer 931 performs well in aggressive chemical where ultrapure materials are not required. Recommended for conventional wet and dry system applications, Fluoroelastomer 931 has a good field performance history in both dynamic and static applications.

Fluoroelastomer 931 is excellent for high sealing load designs. Applications: Chamber seals Bonded slit valve doors Window seals Door seals Lid seals Gas inlet seals KF fitting seals Valve seals Gaskets Fitting and union seals Information provided by Greene Tweed.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Greene-Tweed-Fluoroelastomer-931-FKM.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.84 g/cc	1.84 g/cc	ASTM D297

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	90	90	ASTM D2240
Tensile Strength at Break	15.48 MPa	2245 psi	ASTM D1414
Tensile Strength, Yield	6.45 MPa	936 psi	@50% Elongation; ASTM D1414
	11.20 MPa	1625 psi	@100% Elongation; ASTM D1414
Elongation at Break	144 %	144 %	ASTM D1414
Compression Set	27 %	27 %	70 hours @ 400Å°F (204Å°C) @ 25% deflection; ASTM D395

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Air	200 Å°C	392 Å°F	
Minimum Service Temperature, Air	-30.0 Å°C	-22.0 Å°F	

Descriptive Properties	Value	Comments
Color	Black	

Contact Songhan Plastic Technology Co.,Ltd.

Website : www.lookpolymers.com

Email : sales@lookpolymers.com

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

Address : United North Road 215, Fengxian District, Shanghai City, China