

Greene FKM 926

Fluoroelastomer

Greene, Tweed & Co.

Message:

Greene FKM 926 is a Fluoroelastomer product. It is available in North America.

General Information			
Appearance	Black		
Forms	Pellets		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.84	g/cm ³	ASTM D297
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A)	90		ASTM D2240
Elastomers	Nominal Value	Unit	Test Method
Tensile Stress (100% Strain)	15.2	MPa	ASTM D412
Tensile Strength (Break)	18.6	MPa	ASTM D412
Tensile Elongation (Break)	120	%	ASTM D412
Compression Set ¹			ASTM D395
21°C, 70 hr	15	%	
175°C, 70 hr	20	%	
175°C, 166 hr	28	%	
200°C, 22 hr	22	%	
200°C, 70 hr	30	%	
Aging	Nominal Value	Unit	Test Method
Change in Tensile Strength in Air (100°C, 70 hr)	-3.6	%	ASTM D573
Change in Ultimate Elongation in Air (100°C, 70 hr)	13	%	ASTM D573
Change in Durometer Hardness in Air (100°C, 70 hr)	-3.0		ASTM D573
Change in Tensile Strength			ASTM D471
149°C, 70 hr, in Compressor Oil	-3.5	%	
149°C, 70 hr, in Diesel Fuel	-64	%	
Change in Ultimate Elongation			ASTM D471
149°C, 70 hr, in Compressor Oil	13	%	
149°C, 70 hr, in Diesel Fuel	-62	%	
Change in Durometer Hardness			ASTM D471
149°C, 70 hr, in Compressor Oil	-3.0		
149°C, 70 hr, in Diesel Fuel	-6.0		
Change in Volume			ASTM D471
149°C, 70 hr, in Compressor Oil	2.3	%	

149°C, 70 hr, in Diesel Fuel	9.0	%	
149°C, 70 hr, in Oil ²	0.50	%	
Additional Information	Nominal Value	Unit	Test Method
Rubber Classification	FKM		ASTM D1418
TR 10/50	-15	°C	ASTM D1329
NOTE			
1.	25% Deflection		
2.	in Amoco 680 Industrial Oil		

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Recommended distributors for this material

Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519
 Phone: +86 13424755533
 Email: sales@su-jiao.com
 No. 215, Lianhe North Road, Fengxian District, Shanghai, China



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