

Seals Eastern Perflas[®] 9295 Perfluorinated Rubber

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

Material Notes:

Perfluoro rubber for high-temperature, aggressive chemical service. Perflas 9295[®] seals offer high temperature service and are resistant to aggressive chemicals. They are a thermally stable, perfluorinated elastomer (FFKM). Perflas 9295 seals offer outstanding resistance to high temperature (320[°]C/608[°]F). Perflas 9295 seals resist attack by nearly all chemical reagents, including organic and inorganic acids, alkalines, ketones, esters, alcohols, fuels and hot water. Information provided by Seals Eastern, Inc.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Seals-Eastern-Perflas-9295-Perfluorinated-Rubber.php

Physical Properties	Metric	English	Comments
Specific Gravity	2.13 g/cc	2.13 g/cc	ASTM D297, 15

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	73	73	
Tensile Strength at Break	19.50 MPa	2828 psi	AVG; ASTM D412 Method A
	19.89 MPa	2885 psi	ASTM D865
	@Temperature 200 [°] C, Time 252000 sec	@Temperature 392 [°] F, Time 70.0 hour	
Elongation at Break	268 %	268 %	AVG; ASTM D412 Method A
	200.9 %	200.9 %	After Dry Heat Aging; ASTM D865
	@Temperature 200 [°] C, Time 252000 sec	@Temperature 392 [°] F, Time 70.0 hour	
100% Modulus	0.007701 GPa	1.117 ksi	
Compression Set	25 %	25 %	O-ring (-214) ASTM Method B
	@Temperature 23.0 [°] C, Time 252000 sec	@Temperature 73.4 [°] F, Time 70.0 hour	
	37 %	37 %	O-ring (-214) ASTM Method B
	@Temperature 200 [°] C, Time 252000 sec	@Temperature 392 [°] F, Time 70.0 hour	
	45 %	45 %	O-ring (-214) ASTM Method B
	@Temperature 230 [°] C, Time 252000 sec	@Temperature 446 [°] F, Time 70.0 hour	

Thermal Properties	Metric	English	Comments
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Maximum Service Temperature, Air
Thermal Properties

260 Å°C
Metric

500 Å°F
English

ASTM D1329
Comments

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