

Seals Eastern Perflas[®] 9294 Perfluorinated Rubber

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

Material Notes:

Perfluoro rubber for aggressive chemical service. Perflas[®] 9294 seals are made of a chemical resistant perfluorinated fluoroelastomer (FFKM). Perflas 9294 seals offer outstanding resistance to high temperatures (230[°]C/446[°]F) and all aggressive chemical environments. Perflas 9294 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-9294-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	78	78	
Tensile Strength at Break	19.5 MPa	2830 psi	AVG; ASTM D412 Method A
	16.58 MPa @Time 252000 sec	2405 psi @Time 70.0 hour	After Dry Heat Aging; ASTM D865
Tensile Strength, Yield	11.5 MPa	1670 psi	Stress at Elongation M100; ASTM D412 Method A
Elongation at Break	145 %	145 %	AVG; ASTM D412 Method A
	240.7 % @Time 252000 sec	240.7 % @Time 70.0 hour	After Dry Heat Aging; ASTM D865
100% Modulus	0.0115 GPa	1.67 ksi	

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Air	230 [°] C	446 [°] F	ASTM D1329

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