

NEXA® PFX9014 Perfluoroelastomer

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

Material Notes:

NEXA produces sealing elements for extreme and critical applications, particularly where high temperature, wet conditions (steam/water), purity and chemical resistance are important factors to consider. Applications include Aerospace, Automotive, Chemical, Food, Industrial, Pharmaceutical, Semiconductor, Nuclear, and Oil & Gas.

Order this product through the following link:

http://www.lookpolymers.com/polymer_NEXA-PFX9014-Perfluoroelastomer.php

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	65 - 75	65 - 75	DIN 53505
	@Thickness 6.00 mm	@Thickness 0.236 in	
Tensile Strength	>= 15.0 MPa	>= 2180 psi	DIN 53504
Elongation at Break	>= 200 %	>= 200 %	DIN 53504
100% Modulus	>= 0.00400 GPa	>= 0.580 ksi	DIN 53504
Compression Set	<= 18 %	<= 18 %	DIN 53517
	@Temperature 200 °C, Time 259000 sec	@Temperature 392 °F, Time 72.0 hour	
	<= 22 %	<= 22 %	DIN 53517
	@Temperature 260 °C, Time 259000 sec	@Temperature 500 °F, Time 72.0 hour	
	<= 22 %	<= 22 %	DIN 53517
	@Temperature 200 °C, Time 605000 sec	@Temperature 392 °F, Time 168 hour	
	<= 27 %	<= 27 %	DIN 53517
	@Temperature 290 °C, Time 259000 sec	@Temperature 554 °F, Time 72.0 hour	
	<= 31 %	<= 31 %	DIN 53517
	@Temperature 316 °C, Time 259000 sec	@Temperature 601 °F, Time 72.0 hour	
	<= 33 %	<= 33 %	DIN 53517
	@Temperature 275 °C, Time 605000 sec	@Temperature 527 °F, Time 168 hour	

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Air	334 °C	633 °F	

Descriptive Properties	Value	Comments
Color	Amber	

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