

NEXA® PFX8045 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-PFX8045-Perfluoroelastomer.php

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	70 - 80	70 - 80	DIN 53505
	@Thickness 6.00 mm	@Thickness 0.236 in	
Tensile Strength	>= 13.0 MPa	>= 1890 psi	DIN 53504
Elongation at Break	>= 160 %	>= 160 %	DIN 53504
100% Modulus	>= 0.00600 GPa	>= 0.870 ksi	DIN 53504
Compression Set	<= 25 %	<= 25 %	DIN 53517
	@Temperature 200 °C, Time 252000 sec	@Temperature 392 °F, Time 70.0 hour	
	<= 30 %	<= 30 %	DIN 53517
	@Temperature 230 °C, Time 252000 sec	@Temperature 446 °F, Time 70.0 hour	

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Air	300 °C	572 °F	

Descriptive Properties	Value	Comments
Color	Black	

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