

DuPont Performance Polymers Kalrez® 6375 FFKM Perfluoroelastomer

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

Material Notes:

Kalrez Spectrum 6375, designed specifically for the chemical process industry, combines new polymer technology with innovative patented curing technology. Compound 6375 is designed to give outstanding performance in the widest possible range of chemicals and temperatures. This product is an excellent choice for use in acids, bases, amines, steam, ethylene oxide, and many other aggressive chemicals. Mixed streams, once a problem for many chemical processors, can now be handled by compound 6375. The new curing system also allows for a continuous upper service temperature of 275°C (525°F). This is approximately 100°F higher than other products claiming broad chemical resistance. This high temperature stability translates to increased chemical resistance over all temperature ranges, especially if high temperature process excursions occur. This combination of chemical and thermal resistance provides advantages for chemical processors. Today, chemical processors use several perfluoroelastomer parts, including compounds 4079, 1050LF, and 2035, to optimize chemical and thermal performance. Kalrez Spectrum 6375 may be used in many applications to displace these products. However, if optimum chemical resistance is required, then applications must be individually reviewed for the optimum compound selection. Information provided by manufacturer. This former DuPont Dow Elastomers product line is now produced by DuPont Performance Elastomers.

Order this product through the following link:

http://www.lookpolymers.com/polymer_DuPont-Performance-Polymers-Kalrez-6375-FFKM-Perfluoroelastomer.php

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	70 - 80	70 - 80	
Tensile Strength, Ultimate	15.1 MPa	2190 psi	
Elongation at Break	160 %	160 %	
100% Modulus	0.00720 GPa	1.04 ksi	500 mm/min; ASTM D412
Compression Set	30 % @Temperature 204 °C	30 % @Temperature 399 °F	70 hr; ASTM D395B, O-rings

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Air	275 °C	527 °F	
Minimum Service Temperature, Air	-20.0 °C	-4.00 °F	

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