

DuPont Performance Polymers Kalrez® 3065 Fluoroelastomer

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

Material Notes:

DuPont™ Kalrez® 3065 is a highly-filled product containing carbon black and fiber reinforcement, designed to function without extrusion under extreme pressure. It has good all round chemical resistance and excellent resistance to sour oil and amines. Kalrez® 3065 has an upper service temperature of 288 °C (550 °F). The mechanical properties and chemical resistance of Kalrez® 3065 make it the best choice for many oil and gas well applications. In these applications it is normally used in the form of V-rings and other custom parts rather than O-rings.

Order this product through the following link:

http://www.lookpolymers.com/polymer_DuPont-Performance-Polymers-Kalrez-3065-Fluoroelastomer.php

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	90	90	ASTM D2240
Tensile Strength at Break	24.1 MPa	3500 psi	ASTM D412
Elongation at Break	30 %	30 %	ASTM D412

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Air	288 °C	550 °F	DuPont Test Method
Brittleness Temperature	-23.0 °C	-9.40 °F	ASTM D746

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