Daikin DAI-EL G-671 Fluoroelastomer Terpolymer, Bisphenol Curable Grade, 67% Fluorine Content

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

Material Notes:

Offers minimal compression set and excellent sealing. The terpolymer type is able to withstand polarized solvents to realize a wide range of application.Features: Excellent low-temperature sealing for O-rings.Information provided by Daikin Industries.

Order this product through the following link:
http://www.lookpolymers.com/polymer_Daikin-DAI-EL-G-671-Fluoroelastomer-Terpolymer-Bisphenol-Curable-Grade-67-Fluorine-Content.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.84 g/cc	1.84 g/cc	at 25°C
Mooney Viscosity	35 @Temperature 121 °C	35 @Temperature 250 °F	ML 1+10

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	71	71	Peak value, at 25°C
Tensile Strength at Break	16.0 MPa	2320 psi	
Tensile Strength, Yield	5.10 MPa @Strain 100 %	740 psi @Strain 100 %	
Elongation at Break	210 %	210 %	
Tear Strength	20.0 kN/m	114 pli	at 25°C
Compression Set	10 %	10 %	70 hours at 25°C
	7.0 % @Temperature 100 °C	7.0 % @Temperature 212 °F	70 hours
	10 % @Temperature 175 °C	10 % @Temperature 347 °F	70 hours
	19 % @Temperature 200 °C	19 % @Temperature 392 °F	70 hours

Thermal Properties	Metric	English	Comments
Minimum Service Temperature, Air	-20.0 °C	-4.00 °F	TR test, TR10
	-14.7 °C	5.54 °F	Gehman torsion test, T10

Thermal Properties	Metric	English	Comments
	-10.0 °C	14.0 °F	TR test, TR70
	-9.00 °C	15.8 °F	Gehman torsion test, T2
Brittleness Temperature	-23.0 °C	-9.40 °F	

Processing Properties	Metric	English	Comments
Processing Temperature	170 °C	338 °F	Cure Measuring Temperature
Cure Time	3.00 min	0.0500 hour	Curelastmeter

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