

Daikin DAI-EL G-801 Fluoroelastomer Copolymer, Peroxide Curable Grade, 66% Fluorine Content

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

Material Notes:

Offers excellent chemical and steam resistance. Offers good mechanical characteristics. Features: Good low-temperature and elasticity characteristics. Information provided by Daikin Industries.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Daikin-DAI-EL-G-801-Fluoroelastomer-Copolymer-Peroxide-Curable-Grade-66-Fluorine-Content.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.80 g/cc	1.80 g/cc	at 25°C
Mooney Viscosity	37 @Temperature 121 °C	37 @Temperature 250 °F	ML 1+10

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	66	66	Peak value, at 25°C
Tensile Strength at Break	22.0 MPa	3190 psi	
Tensile Strength, Yield	2.00 MPa @Strain 100 %	290 psi @Strain 100 %	
Elongation at Break	450 %	450 %	
Tear Strength	20.6 kN/m	118 pli	at 25°C
Taber Abrasion, mg/1000 Cycles	155	155	H-22 abrasive wheel, load: 1000g x 2
Compression Set	21 %	21 %	70 hours at 25°C
	17 % @Temperature 100 °C	17 % @Temperature 212 °F	70 hours
	25 % @Temperature 175 °C	25 % @Temperature 347 °F	70 hours
	38 % @Temperature 200 °C	38 % @Temperature 392 °F	70 hours

Thermal Properties	Metric	English	Comments
Minimum Service Temperature, Air	-19.0 °C	-2.20 °F	TR test, TR10

Thermal Properties	-15.5 °C Metric	4.10 °F English	Gehman torsion test, T10 Comments
	-10.0 °C	14.0 °F	TR test, TR70
	-10.0 °C	14.0 °F	Gehman torsion test, T2
Brittleness Temperature	-25.0 °C	-13.0 °F	

Processing Properties	Metric	English	Comments
Processing Temperature	160 °C	320 °F	Cure Measuring Temperature
Cure Time	2.50 min	0.0417 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