DAI-EL™ G-952

Fluoroelastomer

DAIKIN AMERICA, INC.

Message:

DAI-EL G-952 is a terpolymer suitable for various peroxide cure systems. G-952 can be formulated to eliminate the post cure process. G-952 is designed for transfer and compression molding applications that require excellent steam resistance. G-952 provides a good balance between methanol resistance and low temperature flexibility.

General Information			
Features	Low Temperature Flexibility		
	Steam Resistant		
	Terpolymer		
Here	Gaskets		
Uses			
	Seals		
Appearance	Pink		
	White		
Forms	Pellets		
Processing Method	Compression Molding		
Physical	Nominal Value Unit		
Specific Gravity	1.84	g/cm ³	
Mooney Viscosity (ML 1+10, 121°C)	40	MU	
Fluorine Content	69	%	
Cure Temperature	160	~ 	
Cure Time - Curelastometer	2.0	min	
Gehman Torsion Test	2.0		
T10	-13	°C	
T2	-8	°C	
TR Test	-0		
TR10	-14	°€	
TR70 Hardness	-8 Nominal Value	°C Unit	
	67	Offic	
Durometer Hardness (Shore A, 25°C) Elastomers	Nominal Value	Unit	
Tensile Stress (100% Strain, 25°C)	2.30	MPa	
Tensile Strength (Yield, 25°C)	24.0	MPa	
Tensile Elongation (Break, 25°C)	320	%	
Tear Strength (25°C)	19.6	kN/m	
Compression Set			

25°C, 70 hr	13	%
100°C, 70 hr	11	%
175°C, 70 hr	15	%
200°C, 70 hr	28	%
Aging	Nominal Value	Unit
Change in Tensile Strength in Air (230°C,		
70 hr)	-10	%
Change in Ultimate Elongation in Air		
(230°C, 70 hr)	10	%
Change in Durometer Hardness in Air		
(Shore A, 230°C, 70 hr)	1.0	
Thermal	Nominal Value	Unit
Brittleness Temperature	-26.0	°C

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