DAI-EL™ G-702

Fluoroelastomer

DAIKIN AMERICA, INC.

Message:

DAI-EL G-702 is a cure-incorporated copolymer with medium Mooney viscosity. It is designed especially for compression molding applications where higher elongation at molding temperatures is required for easy part demolding.

General Information			
Features	Copolymer Medium Viscosity		
Uses	Diaphragms Gaskets Seals		
Appearance	Cream White		
Forms	Pellets		
Processing Method	Compression Molding		
Physical	**Nominal Value**	**Unit**	
Specific Gravity	1.81	g/cm³	
Mooney Viscosity (ML 1+10, 121°C)	41	MU	
Fluorine Content	66	%	
Hardness	**Nominal Value**	**Unit**	
Durometer Hardness [1] (Shore A, 25°C)	71		
Elastomers	**Nominal Value**	**Unit**	**Test Method**
Tensile Stress			
100% Strain, 25°C [2]	4.20	MPa	
100% Strain, 25°C [3]	4.70	MPa	
Tensile Strength			
Yield, 25°C [4]	13.9	MPa	
Yield, 25°C [5]	13.8	MPa	
Tensile Elongation			
Break, 25°C [6]	260	%	
Break, 25°C [7]	240	%	
Compression Set			ASTM D395B
200°C, 70 hr [8]	28	%	
200°C, 70 hr [9]	26	%	
Thermal	**Nominal Value**	**Unit**	**Test Method**

Brittleness Temperature	-18.0	°C	ASTM D1329

NOTE	
1.	MDR 2000, Strain: 0.5°, Test time: 6 min
2.	ODR, Strain: 3°, Test time: 12 min
3.	MDR 2000, Strain: 0.5°, Test time: 6 min
4.	ODR, Strain: 3°, Test time: 12 min
5.	MDR 2000, Strain: 0.5°, Test time: 6 min
6.	ODR, Strain: 3°, Test time: 12 min
7.	MDR 2000, Strain: 0.5°, Test time: 6 min
8.	MDR 2000, Strain: 0.5°, Test time: 6 min
9.	ODR, Strain: 3°, Test time: 12 min

Recommended distributors for this material

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