

DAI-EL™ G-704

Fluoroelastomer
DAIKIN AMERICA, INC.

Message:
DAI-EL G-704 is a cure-incorporated copolymer with low Mooney viscosity. It is a general-purpose grade designed for injection and transfer molding of seals and other complex shapes.

General Information	
Features	Copolymer
	General Purpose
	Low Viscosity
Uses	Gaskets
	General Purpose
	Profiles
	Seals
Appearance	Cream
	White
Forms	Pellets
Processing Method	Injection Molding
	Resin Transfer Molding

Physical	Nominal Value	Unit	
Specific Gravity	1.81	g/cm ³	
Mooney Viscosity (ML 1+10, 121°C)	30	MU	
Fluorine Content	66	%	
Low Temperature Brittleness - TR10	-18	°C	ASTM D1329
Hardness	Nominal Value	Unit	
Durometer Hardness			
Shore A ¹	73		
Shore A ²	74		
Elastomers	Nominal Value	Unit	Test Method
Tensile Stress			
100% Strain, 25°C ³	5.30	MPa	
100% Strain, 25°C ⁴	5.40	MPa	
Tensile Strength			
Yield, 25°C ⁵	13.7	MPa	
Yield, 25°C ⁶	14.1	MPa	

Tensile Elongation		
Break, 25°C ⁷	230	%
Break, 25°C ⁸	240	%
Compression Set		ASTM D395B
200°C, 70 hr ⁹	26	%
200°C, 70 hr ¹⁰	22	%

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

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