

DAI-EL™ G-704BP

Fluoroelastomer
DAIKIN AMERICA, INC.

Message:
DAI-EL G-704BP is a bisphenol curable, gum copolymer. It is suited for compression, transfer or injection molding. Properly compounded, DAI-EL G-704BP produces vulcanizates with good heat and compression set resistance.

General Information	
Features	Copolymer
	High Heat Resistance
	Vulcanizable
Uses	Gaskets
	Seals
	Tubing
Appearance	White
	Yellow
Forms	Slab
Processing Method	Compression Molding
	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 ¹ (Shore A)	76		
Elastomers	Nominal Value	Unit	Test Method
Tensile Stress			
100% Strain, 25°C ²	6.80	MPa	
100% Strain, 25°C ³	6.30	MPa	
Tensile Strength			
Yield, 25°C ⁴	15.5	MPa	
Yield, 25°C ⁵	14.5	MPa	
Tensile Elongation			
Break, 25°C ⁶	190	%	

Break, 25°C ⁷	200	%
Compression Set		ASTM D395B
200°C, 70 hr ⁸	17	%
200°C, 70 hr ⁹	14	%

NOTE		
1.	ODR, Strain: 3°, Test time: 12 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	

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