

DAI-EL™ G-701

Fluoroelastomer

DAIKIN AMERICA, INC.

Message:

DAI-EL G-701 is a fluoroelastomer comprising copolymer of vinylidene fluoride and hexafluoropropylene. It contains a curing agent (bisphenol AF) and cure accelerator. DAI-EL G-701 is a standard grade of DAI-EL as polyol cure, and is suitable for the compression molding with relatively simple shapes such as O-rings.

General Information			
Features	Copolymer		
Appearance	milky white		
	Transparent-Slightly Yellow		
Processing Method	Compression molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity ¹	1.81	g/cm ³	JIS K6268
Mooney Viscosity (ML 1+10, 100°C)	55	MU	JIS K6300-1
Fluorine Content	66.0	wt%	
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A)	73		
Elastomers	Nominal Value	Unit	Test Method
Tensile Stress (100% Strain)	5.30	MPa	JIS K6251
Tensile Strength	15.4	MPa	JIS K6251
Tensile Elongation (Break)	190	%	JIS K6251
Compression Set ² (200°C, 70 hr)	17	%	
NOTE			
1.	23°C		
2.	25% compression		

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