

DAI-EL™ G-704

Fluoroelastomer
DAIKIN AMERICA, INC.

Message:

DAI-EL G-704 is a fluoroelastomer comprising copolymer of vinylidene fluoride and hexafluoropropylene. It contains a curing agent (bisphenol AF) and cure accelerator. G-704 is a standard grade of DAI-EL as polyol cure, with low Mooney viscosity and good mold flow property, which is suitable for extrusion molding and transfer molding.

General Information	
Features	Low viscosity Copolymer Good liquidity
Appearance	milky white Transparent-Slightly Yellow
Processing Method	Extrusion Resin transfer molding

Physical	Nominal Value	Unit	Test Method
Specific Gravity ¹	1.81	g/cm ³	JIS K6268
Mooney Viscosity (ML 1+10, 100°C)	47	MU	JIS K6300-1
Fluorine Content	66.0	wt%	
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A)	72		
Elastomers	Nominal Value	Unit	Test Method
Tensile Stress (100% Strain)	3.50	MPa	JIS K6251
Tensile Strength	13.8	MPa	JIS K6251
Tensile Elongation (Break)	240	%	JIS K6251
Compression Set ² (200°C, 70 hr)	22	%	
NOTE			
1.	23°C		
2.	25% compression		

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