

DAI-EL™ G-716

Fluoroelastomer

DAIKIN AMERICA, INC.

Message:

DAI-EL G-716 is a fluoroelastomer comprising copolymer of vinylidene fluoride and hexafluoropropylene. It contains a curing agent (bisphenol AF) and cure accelerator. G-716 is a product series with the highest heat resistance and compression set resistance among the DAI-EL series.

General Information	
Features	Copolymer
Appearance	milky white
	Transparent-Slightly Yellow

Physical	Nominal Value	Unit	Test Method
Specific Gravity ¹	1.81	g/cm ³	JIS K6268
Mooney Viscosity (ML 1+10, 100°C)	65	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)	4.60	MPa	JIS K6251
Tensile Strength	14.3	MPa	JIS K6251
Tensile Elongation (Break)	200	%	JIS K6251
Compression Set ² (200°C, 70 hr)	13	%	

NOTE	
1.	23°C
2.	25% compression

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