

DAI-EL™ G-7211

Fluoroelastomer

DAIKIN AMERICA, INC.

Message:

DAI-EL G-7211 is a fluoroelastomer comprising copolymer of vinylidene fluoride and hexafluoropropylene, and contains a curing agent (bisphenol AF) and cure accelerator. This material is of the grade of good mold flow and with a sealing property suitable for injection molding. The roll processability of G-7211 has been improved compared with that of G-7201.

General Information			
Features	Copolymer		
	Good liquidity		
Appearance	milky white		
Processing Method	Injection molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity ¹	1.81	g/cm ³	JIS K6268
Mooney Viscosity (ML 1+10, 100°C)	40	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)	4.30	MPa	JIS K6251
Tensile Strength	13.3	MPa	JIS K6251
Tensile Elongation (Break)	200	%	JIS K6251
Compression Set ² (200°C, 70 hr)	11	%	
NOTE			
1.	23°C		
2.	25% compression		

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