

DAI-EL™ G-7801

Fluoroelastomer

DAIKIN AMERICA, INC.

Message:

DAI-EL G-7801 is a fluoroelastomer comprising copolymer of vinylidene fluoride and hexafluoropropylene, and contains a curing agent (bisphenol AF) and cure accelerator. This material provides excellent mold flow and sealing performance.

General Information			
Features	Copolymer		
	Good liquidity		
Appearance	milky white		
Physical	Nominal Value	Unit	Test Method
Specific Gravity ¹	1.81	g/cm ³	JIS K6268
Mooney Viscosity (ML 1+10, 100°C)	93	MU	JIS K6300-1
Fluorine Content	66.0	wt%	
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A)	71		
Elastomers	Nominal Value	Unit	Test Method
Tensile Stress (100% Strain)	4.50	MPa	JIS K6251
Tensile Strength	13.9	MPa	JIS K6251
Tensile Elongation (Break)	200	%	JIS K6251
Compression Set ² (200°C, 70 hr)	9.0	%	
NOTE			
1.	23°C		
2.	25% compression		

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