

DAI-EL™ G-801

Fluoroelastomer

DAIKIN AMERICA, INC.

Message:

DAI-EL G-801 is a fluoroelastomer comprising copolymer of vinylidene fluoride/hexafluoropropylene, which can be cured by peroxide. In comparison to the grade of polyol curing material, this material provides excellent mechanical properties, and bending, acid and steam resistance.

General Information			
Features	Copolymer		
	acid resistance		
	Steam resistance		
Appearance	Translucent		
	Transparent-Slightly Yellow		
Physical	Nominal Value	Unit	Test Method
Specific Gravity ¹	1.80	g/cm ³	JIS K6268
Mooney Viscosity (ML 1+10, 100°C)	70	MU	JIS K6300-1
Fluorine Content	66.0	wt%	
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A)	66		
Elastomers	Nominal Value	Unit	Test Method
Tensile Stress (100% Strain)	1.90	MPa	JIS K6251
Tensile Strength	22.7	MPa	JIS K6251
Tensile Elongation (Break)	440	%	JIS K6251
Compression Set ² (200°C, 70 hr)	38	%	
NOTE			
1.	23°C		
2.	25% compression		

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