

DAI-EL™ G-901

Fluoroelastomer

DAIKIN AMERICA, INC.

Message:

DAI-EL G-901 is a fluoroelastomer comprising terpolymer of vinylidene fluoride/tetrafluoroethylene/hexafluoropropylene. This material can be cured by peroxide, is of the highest fluorine content grade and provides excellent mechanical properties, and acid, steam and chemical resistance in comparison to polyol cure series.

General Information			
Features	Good chemical resistance acid resistance Steam resistance Terpolymer		
Appearance	Translucent Pink		
Physical	Nominal Value	Unit	Test Method
Specific Gravity ¹	1.91	g/cm ³	JIS K6268
Mooney Viscosity (ML 1+10, 100°C)	95	MU	JIS K6300-1
Fluorine Content	70.5	wt%	
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A)	70		
Elastomers	Nominal Value	Unit	Test Method
Tensile Stress (100% Strain)	2.90	MPa	JIS K6251
Tensile Strength	19.8	MPa	JIS K6251
Tensile Elongation (Break)	340	%	JIS K6251
Compression Set ² (200°C, 70 hr)	32	%	
NOTE			
1.	23°C		
2.	25% compression		

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