

DAI-EL™ G-952

Fluoroelastomer

DAIKIN AMERICA, INC.

Message:

DAI-EL G-952 is a fluoroelastomer comprising terpolymer of vinylidene fluoride/tetrafluoroethylene/hexafluoropropylene. This material can be cured by peroxide. In comparison to the grade of the polyol cure series, G-952 provides excellent mechanical properties, acid, steam and chemical resistance and a good balance of solvent resistance and low-temperature performance.

General Information			
Features	Good chemical resistance		
	acid resistance		
	Steam resistance		
	Terpolymer		
Appearance	Translucent		
	Transparent-Slightly Yellow		
Physical	Nominal Value	Unit	Test Method
Specific Gravity ¹	1.84	g/cm ³	JIS K6268
Mooney Viscosity (ML 1+10, 100°C)	75	MU	JIS K6300-1
Fluorine Content	68.5	wt%	
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A)	67		
Elastomers	Nominal Value	Unit	Test Method
Tensile Stress (100% Strain)	2.20	MPa	JIS K6251
Tensile Strength	23.8	MPa	JIS K6251
Tensile Elongation (Break)	360	%	JIS K6251
Compression Set ² (200°C, 70 hr)	28	%	
NOTE			
1.	23°C		
2.	25% compression		

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