

DAI-EL™ G-902

Fluoroelastomer

DAIKIN AMERICA, INC.

Message:

DAI-EL G-902 is a fluoroelastomer comprising terpolymer of vinylidene fluoride/tetrafluoroethylene/hexafluoropropylene. This material can be cured by peroxide. This material is of the grade of the highest fluorine content and provides excellent mechanical properties, acid, steam and chemical resistance and good flowability in comparison to polyol cure series.

General Information

Features	Good liquidity Good chemical resistance acid resistance Steam resistance Terpolymer
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Appearance	Translucent Pink
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Physical	Nominal Value	Unit	Test Method
Specific Gravity ¹	1.91	g/cm ³	JIS K6268
Mooney Viscosity (ML 1+10, 100°C)	49	MU	JIS K6300-1
Fluorine Content	70.5	wt%	

Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A)	71		

Elastomers	Nominal Value	Unit	Test Method
Tensile Stress (100% Strain)	3.30	MPa	JIS K6251
Tensile Strength	20.4	MPa	JIS K6251
Tensile Elongation (Break)	290	%	JIS K6251
Compression Set ² (200°C, 70 hr)	28	%	

NOTE

1.	23°C
2.	25% compression

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