

DAI-EL™ G-802

Fluoroelastomer
DAIKIN AMERICA, INC.

Message:

DAI-EL G-802 is a peroxide curable copolymer with lower Mooney viscosity suitable for injection, transfer and compression molding. DAI-EL G-802 can be formulated with various peroxide cure systems to eliminate the need for post cure. DAI-EL G-802 provides superior mechanical properties and resistance to steam and aqueous solvents compared with bisphenol cured fluoroelastomers.

DAI-EL G-802 may be used in compliance with 21 CFR 177.2600, Rubber articles intended for repeated use. Finished articles are required to comply with the end tests specified in 21 C.F.R 177.2600 (e) or (f), as applicable.

General Information	
Features	Copolymer
	Low Viscosity
	Solvent Resistant
	Steam Resistant
Uses	Gaskets
	Seals
Agency Ratings	FDA 21 CFR 177.2600
Appearance	Pink
	White
Processing Method	Compression Molding
	Injection Molding
	Resin Transfer Molding

Physical	Nominal Value	Unit	
Specific Gravity	1.81	g/cm ³	
Mooney Viscosity (ML 1+10, 121°C)	20	MU	
Fluorine Content	66	%	
Low Temperature Brittleness	-25	°C	
Hardness	Nominal Value	Unit	
Durometer Hardness (Shore A)	< 66		
Elastomers	Nominal Value	Unit	Test Method
Tensile Stress (100% Strain, 25°C)	2.00	MPa	
Tensile Strength (Yield, 25°C)	18.7	MPa	
Tensile Elongation (Break, 25°C)	390	%	
Compression Set (200°C, 70 hr)	27	%	ASTM D395

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