

DAI-EL™ G-801

Fluoroelastomer
DAIKIN AMERICA, INC.

Message:

DAI-EL G-801 is a peroxide curable copolymer with medium Mooney viscosity suitable for transfer and compression molding. DAI-EL G-801 can be formulated with various peroxide cure systems to eliminate the need for post cure. DAI-EL G-801 provides superior mechanical properties and resistance to steam and aqueous solvents compared with bisphenol cured fluoroelastomers.

DAI-EL G-801 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
	Medium Viscosity
	Steam Resistant
Uses	Gaskets
	Seals
Appearance	Pink
	White
Forms	Pellets
Processing Method	Compression Molding
	Resin Transfer Molding

Physical	Nominal Value	Unit
Specific Gravity	1.81	g/cm ³
Mooney Viscosity (ML 1+10, 121°C)	37	MU
Fluorine Content	66	%
Gehman Torsion Test		
T10	-16	°C
T2	-10	°C
TR Test		
TR10	-19	°C
TR70	-10	°C
Hardness	Nominal Value	Unit
Durometer Hardness (Shore A, 25°C)	66	
Elastomers	Nominal Value	Unit
Tensile Stress (100% Strain, 25°C)	2.00	MPa
Tensile Strength (Yield, 25°C)	22.0	MPa
Tensile Elongation (Break, 25°C)	450	%


Tear Strength (25°C)	20.6	kN/m
Compression Set		
25°C, 70 hr	21	%
100°C, 70 hr	17	%
175°C, 70 hr	25	%
200°C, 70 hr	38	%
Thermal	Nominal Value	Unit
Brittleness Temperature	-25.0	°C

The information and data on this page are provided by manufacturers and document providers. SHANGHAI SUSHENG assumes no legal liability. It is strongly recommended to verify all technical data with material suppliers before final material selection. All rights belong to the original authors. If any infringement occurs, please contact us immediately.

Recommended distributors for this material

Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519
 Phone: +86 13424755533
 Email: sales@su-jiao.com
 No. 215, Lianhe North Road, Fengxian District, Shanghai, China



WECHAT