

DAI-EL™ G-551

Fluoroelastomer

DAIKIN AMERICA, INC.

Message:

DAI-EL G-551 is a fluoroelastomer comprising terpolymer of vinylidene fluoride/tetrafluoroethylene/hexafluoropropylene, and contains a curing agent (bisphenol AF) and cure accelerator and demonstrates a good balance of solvent resistance and low temperature performance.

General Information	
Features	Terpolymer
Appearance	milky white
	Transparent-Slightly Yellow

Physical	Nominal Value	Unit	Test Method
Specific Gravity ¹	1.87	g/cm ³	JIS K6268
Mooney Viscosity (ML 1+10, 100°C)	83	MU	JIS K6300-1
Fluorine Content	68.5	wt%	

Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A)	74		

Elastomers	Nominal Value	Unit	Test Method
Tensile Stress (100% Strain)	4.10	MPa	JIS K6251
Tensile Strength	15.3	MPa	JIS K6251
Tensile Elongation (Break)	230	%	JIS K6251
Compression Set ² (200°C, 70 hr)	25	%	

NOTE	
1.	23°C
2.	25% compression

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