

DAI-EL™ G-501NK

Fluoroelastomer

DAIKIN AMERICA, INC.

Message:

DAI-EL G-501NK is a fluoroelastomer comprising terpolymer of vinylidene fluoride/tetrafluoroethylene/hexafluoropropylene, which can be cured by polyamine and provides good mechanical property in particular.

General Information			
Features	Terpolymer		
Appearance	milky white		
	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)	110	MU	JIS K6300-1
Fluorine Content	68.0	wt%	
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A)	76		
Elastomers	Nominal Value	Unit	Test Method
Tensile Stress (100% Strain)	4.10	MPa	JIS K6251
Tensile Strength	18.7	MPa	JIS K6251
Tensile Elongation (Break)	280	%	JIS K6251
Compression Set ² (200°C, 70 hr)	65	%	
NOTE			
1.	23°C		
2.	25% compression		

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