

DAI-EL™ LT-302

Fluoroelastomer

DAIKIN AMERICA, INC.

Message:

DAI-EL LT-302 is a fluoroelastomer which can be cured by peroxide whose cold temperature properties, a drawback of conventional fluoroelastomer, has been improved. It offers excellent mechanical properties, and bending and acid resistance, etc. In particular, the TR10 of this material is -31°C, providing excellent low-temperature sealing performance.

General Information	
Features	acid resistance
Appearance	Translucent
	Transparent-Slightly Yellow

Physical	Nominal Value	Unit	Test Method
Specific Gravity ¹	1.80	g/cm ³	JIS K6268
Mooney Viscosity (ML 1+10, 100°C)	68	MU	JIS K6300-1
Fluorine Content	64.5	wt%	

Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A)	65		

Elastomers	Nominal Value	Unit	Test Method
Tensile Stress (100% Strain)	2.40	MPa	JIS K6251
Tensile Strength	17.4	MPa	JIS K6251
Tensile Elongation (Break)	290	%	JIS K6251
Compression Set ² (200°C, 70 hr)	25	%	

NOTE	
1.	23°C
2.	25% compression

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