

DAI-EL™ LT-252

Fluoroelastomer

DAIKIN AMERICA, INC.

Message:

DAI-EL LT-252 is a fluoroelastomer which can be cured by peroxide whose cold temperature resistance, a drawback of conventional fluoroelastomer, has been improved. It offers excellent mechanical properties, and bending and acid resistance, etc. The TR10 of this material is -25°C, providing excellent low-temperature sealing performance and solvent resistance.

General Information			
Features	Solvent resistance		
	acid resistance		
Appearance	Translucent		
	Transparent-Slightly Yellow		
Physical	Nominal Value	Unit	Test Method
Specific Gravity ¹	1.86	g/cm ³	JIS K6268
Mooney Viscosity (ML 1+10, 100°C)	40	MU	JIS K6300-1
Fluorine Content	66.5	wt%	
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A)	66		
Elastomers	Nominal Value	Unit	Test Method
Tensile Stress (100% Strain)	2.60	MPa	JIS K6251
Tensile Strength	17.4	MPa	JIS K6251
Tensile Elongation (Break)	260	%	JIS K6251
Compression Set ² (200°C, 70 hr)	29	%	
NOTE			
1.	23°C		
2.	25% compression		

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