



DAI-EL_{TM} G-702

DAI-EL G-702 is a fluoroelastomer comprising copolymer of vinylidene fluoride and hexafluoropropylene. It contains a curing agent (bisphenol AF) and cure accelerator. G-702 is a standard grade of DAI-EL such as polyol cure, which provides high tearing strength and elongation and is suitable for molding products with complex shapes.

1. Properties of raw gum

Items	Data	Test method
Color	Milky white or light yellow	Visual observation
Fluorine content	66wt%	
Specific gravity (23°C)	1.81	JIS K 6268
Mooney viscosity (ML 1 + 10•100°C)	Approx. 54	JIS K 6300-1
Solubility	Soluble in low molecular weight ketones and esters	—

2. Physical properties (Cured)

Items	Unit	Data	Test method/condition
100% modulus	MPa	3.0	JIS K 6251
Tensile strength	MPa	16.6	JIS K 6251
Elongation	%	310	JIS K 6251
Compression set	%	26	200°C × 70h, 25% compression
Hardness (Shore A)	—	70	Peak value

* The above numeric values are representative and not guaranteed.

(Compound formulation)

DAI-EL G-702	100 parts		
MT carbon black ^{*1}	15 parts	^{*1} SEAST S	Tokai Carbon Co., Ltd.
Calcium hydroxide ^{*2}	6 parts	^{*2} Caldic 2000	Ohmi Chemical Industry Co., Ltd.
Magnesium hydroxide (High activity) ^{*3}	3 parts	^{*3} Kyowa Mag 150	Kyowa Chemical Industrial Co., Ltd.

(Cure conditions)

Press cure	160°C × 15min
Oven cure	200°C × 24h

3. Handling method/Safety information

Be sure to read the notes stated in MSDS and labels before use.

This product is supplied for general industry and therefore its adequacy and safety for medical applications cannot be guaranteed.

4. Packing specification 20kg

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