



DAI-EL_{TM} G-752

DAI-EL G-752 is a fluoroelastomer comprising copolymer of vinylidene fluoride and hexafluoropropylene and containing a curing agent (bisphenol AF) and cure accelerator. This material provides large elongation and excellent adhesion to metal.

1. Properties of raw gum

Items	Data	Test method
Color	Milky white or light pink	Visual observation
Fluorine content	66wt%	
Specific gravity (23°C)	1.81	JIS K 6268
Mooney viscosity (ML 1 + 10•100°C)	Approx. 50	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	2.6	JIS K 6251
Tensile strength	MPa	14.3	JIS K 6251
Elongation	%	310	JIS K 6251
Compression set	%	27	200°C × 70h, 25% compression
Hardness (Shore A)	—	68	Peak value

* The above numeric values are representative and not guaranteed.

(Compound formulation)

DAI-EL G-752	100 parts		
MT carbon black ^{*1}	20 parts	^{*1} Thermax N990	Cancarb 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	230°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

DAIKIN INDUSTRIES, LTD.
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Elongation	%	310	JIS K 6251
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Hardness (Shore A)	—	68	Peak value

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(Cure conditions)

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1. Properties of raw gum

Items	Data	Test method
Color	Milky white or light pink	Visual observation
Fluorine content	66wt%	
Specific gravity (23°C)	1.81	JIS K 6268
Mooney viscosity (ML 1 + 10•100°C)	Approx. 50	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	2.6	JIS K 6251
Tensile strength	MPa	14.3	JIS K 6251
Elongation	%	310	JIS K 6251
Compression set	%	27	200°C × 70h, 25% compression
Hardness (Shore A)	—	68	Peak value

* The above numeric values are representative and not guaranteed.

(Compound formulation)

DAI-EL G-752	100 parts		
MT carbon black ^{*1}	20 parts	^{*1} Thermax N990	Cancarb 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	230°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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DAI-EL_{TM} G-755

DAI-EL G-755 is a fluoroelastomer comprising copolymer of vinylidene fluoride and hexafluoropropylene and containing a curing agent (bisphenol AF) and cure accelerator. This material does not contain processing aid but provides high extruding properties by optimizing the molecular weight distribution.

1. Properties of raw gum

Items	Data	Test method
Color	Milky white or light yellow	Visual observation
Fluorine concentration	66wt%	
Specific gravity (23°C)	1.81	JIS K 6268
Mooney viscosity (ML 1 + 10•100°C)	Approx. 45	JIS K 6300-1
Solubility	Soluble in low molecular weight ketones and esters	—

2. Physical properties (Cured)

Items	Unit	Data	Test method/condition
100% tensile stress	MPa	2.3	JIS K 6251
Tensile strength	MPa	14.3	JIS K 6251
Elongation	%	350	JIS K 6251
Compression set	%	22	200°C × 70h, 25% compression
Hardness (Shore A)	—	66	Peak value

* The above numeric values are representative and not guaranteed.

(Compound formulation)

DAI-EL G-755	100 parts		
SRF carbon black ^{*1}	13 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 × 45min
Oven cure	230°C × 24h (Data of only the compression set after oven vulcanization)

3. Handling method/Safety information

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

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4. Packing specification 20kg

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