



DAI-EL_{TM} G-211

DAI-EL G-211 is a fluoroelastomer comprising terpolymer of vinylidene fluoride/ tetrafluoroethylene/ hexafluoropropylene, which can be cured by polyamine and provides good mechanical property in particular.

1. Properties of raw gum

Items	Data	Test method
Color	Milky white or light yellow	Visual observation
Fluorine content	68.5wt%	
Specific gravity (23°C)	1.84	JIS K 6268
Mooney viscosity (ML 1 + 12•140°C)	19 ~ 27	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	4.6	JIS K 6251
Tensile strength	MPa	16.2	JIS K 6251
Elongation	%	250	JIS K 6251
Hardness (Shore A)	—	78	Peak value

* The above numeric values are representative and not guaranteed.

(Compounding and vulcanizing conditions)

DAI-EL G-211	100 parts		
MT carbon black ^{*1}	20 parts	^{*1} Thermax N990	Cancarb Ltd.
Calcium hydroxide (low activity) ^{*2}	15 parts	^{*2} Kyowa Mag MA30	Kyowa Chemical Industrial Co., Ltd.
Curing agent V-3 ^{*3}	5 parts	^{*3} Curing agent V-3	Daikin Industries, Ltd.

(Cure conditions)

Press cure	190°C × 20min
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

DAIKIN INDUSTRIES, LTD.
Chemical Division
Umeda Center Bldg.,
2-4-12, Nakazaki-Nishi, Kita-ku,
Osaka 530-8323, Japan
Phone: +81-6-6373-4342
Facsimile: +81-6-6373-4390
<http://www.daikin.com/chm>

DAIKIN AMERICA, INC.
20 Olympic Drive,
Orangeburg, NY 10962, USA
Phone: +1-845-365-9500
Toll-Free: +1-800-365-9570
Facsimile: +1-845-365-9598
<http://www.daikin-america.com>

DAIKIN CHEMICAL EUROPE
GmbH
Immermannstr. 65D,
40210 Dusseldorf, Germany
Phone: +49-211-179225-0
Facsimile: +49-211-1640732
<http://www.daikinchem.de>