# DAI-EL$_{TM}$ G-723F

DAI-EL G-723F is a fluoroelastomer comprising copolymer of vinylidenefluoride and hexafluoropropylene, and containing a curing agent (bisphenol AF) and cure accelerator. G-723F is a product series grade containing mold releasing agent, which is suitable for molding workability.

## 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. 65 | 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 | 4.2 | JIS K 6251 |
| Tensile strength | MPa | 14.6 | JIS K 6251 |
| Elongation | % | 220 | JIS K 6251 |
| Compression set | % | 20 | 200°C × 70h, 25% compression |
| Hardness (Shore A) | – | 72 | Peak value |

* The above numeric values are representative and not guaranteed.

(Compound formulation)

| | | | |
|---|---|---|---|
| DAI-EL G-723F | 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 | 170°C × 10min |
| 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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