

DAI-EL™ G-7401

Fluoroelastomer

DAIKIN AMERICA, INC.

Message:

DAI-EL G-7401 is a fluoroelastomer comprising copolymer of vinylidene fluoride and hexafluoropropylene, and contains a curing agent (bisphenol AF) and cure accelerator. This material is of the grade of good mold flow and with a sealing property suitable for injection molding.

| General Information | | | |
|---|-------------------|-------------------|-------------|
| Features | Copolymer | | |
| | Good liquidity | | |
| Appearance | milky white | | |
| Processing Method | Injection molding | | |
| Physical | Nominal Value | Unit | Test Method |
| Specific Gravity ¹ | 1.81 | g/cm ³ | JIS K6268 |
| Mooney Viscosity (ML 1+10, 100°C) | 67 | MU | JIS K6300-1 |
| Fluorine Content | 66.0 | wt% | |
| Hardness | Nominal Value | Unit | Test Method |
| Durometer Hardness (Shore A) | 73 | | |
| Elastomers | Nominal Value | Unit | Test Method |
| Tensile Stress (100% Strain) | 4.60 | MPa | JIS K6251 |
| Tensile Strength | 13.0 | MPa | JIS K6251 |
| Tensile Elongation (Break) | 200 | % | JIS K6251 |
| Compression Set ² (200°C, 70 hr) | 10 | % | |
| NOTE | | | |
| 1. | 23°C | | |
| 2. | 25% compression | | |

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