

## DAI-EL® G-9062

### Characteristics

DAI-EL® G-9062 is a low viscosity, peroxide curable terpolymer designed for injection molding. It provides excellent mold flow and easy removal of molded parts. Properly compounded and cured, DAI-EL® G-9062 has excellent compression set, chemical and steam resistance.

Properties*	Value
Fluorine content	71%
Specific gravity	1.83
Mooney viscosity (ML1+10@121°C)	23
Color	White to light pink
Solubility	Soluble in lower ketones and esters

\*Typical properties are not suitable for specification purposes.

### Typical Applications

O-Rings and seals

### Form & Packaging

DAI-EL® G-9062 is packaged as slabs with polyethylene film separators sealed in a polyethylene bag. The standard shipping container is a 20 kg (44 lb) net weight carton.

### Safety

- (1) Store and use all fluoroelastomers in a well-ventilated area.
- (2) Do not smoke in areas contaminated with dust from fluoroelastomers.
- (3) Avoid eye contact.
- (4) After handling, wash any skin that came in contact with the product with soap & water.

Potential hazards, including evolution of toxic vapors, exist during compounding or processing under high temperatures. Before processing Daikin fluoroelastomers, consult the SDS (Safety Data Sheet) and follow all label directions and handling precautions. Read and follow all directions from other compound ingredient suppliers. Mixing agents that contain metallic particulate such as powdered aluminum can rapidly decompose at high temperatures, and therefore should not be used with this product.

## Typical Compound Properties

Test Formula	phr
DAI-EL® G-9062	100
MT Carbon Black (N-990)	20
TAIC	4
Peroxide	1.5

### Physical Properties

Press Cure	10 min @ 160 °C
Post Cure	4 hrs @ 180 °C
Hardness, Shore A	68
Tensile strength, MPa (psi)	20.6 (2990)
Elongation at break, %	220
100% Tensile Stress, MPa (psi)	4.6 (670)
Compression Set, ASTM D395 Method B	
70 hours @ 200°C (392°F), %	12

### Low Temperature Properties

Temperature Retraction	
TR <sub>10</sub> , °C	-8.0

- a) **MT Carbon Black: Thermax MT(N990) manufactured by CANCARB LTD,  
TAIC 70% = Nortaic KS, NRC Nordmann & Rassmann,  
Peroxide: 2,5-Dimethyl-2,5-di-(tert-butylperoxy)hexane = Norperox  
DBPH-45, NRC Nordmann & Rassmann.**
- b) **Non post cure data is available.**

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