

Perfluoroelastomer Precompound

DAI-EL PERFLUOR GA-500001

TECHNICAL DATASHEET

Introduction

- DAI-EL PERFLUOR GA-500001 is a perfluoroelastomer (FFKM) precompound containing a crosslinking agent.
- It exhibits properties that combine resistance to compression set in high-temperature environments reaching 300°C with resistance to chemicals such as amines.
- Due to its high purity, it can be used in highly clean environments such as semiconductor manufacturing processes.

General physical properties-Cured ^{*1.2.3}

Items	Units	Value	Test Method
Hardness (Shore A)	-	57	JIS K 6253
Tensile Strength at Break	MPa	11.4	JIS K 6251
Elongation at Break	%	320	JIS K 6251
Modulus, 100%	MPa	1.1	JIS K 6251
Compression Set 70h @ 300 °C, 25% deflection	%	18	JIS K 6262

*1 The above values are representative and not guaranteed.

*2 Test compound: GA-500001: 100

*3 Press cure: 30 min@180 °C; Post cure: 18 hr @ 290 °C

Handling and Safety Information

- Be sure to read the Safety Data Sheet (SDS) and take appropriate precautions before use.
- The product is intended for industrial use only and therefore its adequacy and safety as a raw material for medical purposes cannot be guaranteed.

Package

- 2 kg

For more information, visit our website.

DAIKIN INDUSTRIES, LTD.

<https://www.daikinchemicals.com/>

[tds-ga-50001-E_ver01_Jun_2026](#)

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