

Perfluoroelastomer

DAI-EL PERFLUOR GA-105

TECHNICAL DATASHEET

Introduction

- DAI-EL PERFLUOR GA-105 is a peroxide-curable perfluoroelastomer (FFKM) with excellent compression set resistance, chemical resistance, and cleanliness.
- Due to its high purity, it can be used in highly clean environments such as semiconductor manufacturing processes.

General physical properties-Product *1

Items	Value	Test Method
Appearance	Colorless and transparent	Visual Inspection
Mooney Viscosity (ML 1+10@100 °C)	63	JIS K 6300

General physical properties-Cured *1,2,3

Items	Units	Value	Test Method
Hardness (Shore A)	-	82	JIS K 6253
Tensile Strength at Break	MPa	20.6	JIS K 6251
Elongation at Break	%	130	JIS K 6251
Modulus, 100%	MPa	13.2	JIS K 6251
Compression Set 70h@200 °C, 25% deflection	%	16	JIS K 6262

*1 The above values are representative and not guaranteed.

*2 Test compound: DAI-EL PERFLUOR GA-105: 100; N-990 Carbon black: 8;

N-774 Carbon black: 7; TAIC: 3; 2,5-dimethyl-2,5-di(t-butylperoxy)hexane: 1

*3 Press cure: 10 min@160 °C; Post cure: 4hr@ 180 °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, 10 kg

For more information, visit our website.
DAIKIN INDUSTRIES, LTD.

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

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