

Product Data

Silicone Dielectric Compound YG3058

YG3058 is a grease-like compound based on a silica-thickened dimethyl silicone fluid. The product is suitable for dielectric sealing, protective coating and lubrication of various electric and electronic parts.

KEY FEATURES

- ◆ Excellent corrosion protection for silver
- ◆ Excellent dielectric properties
- ◆ Usable in wide temperature range: -50 ~ 200°C
- ◆ Excellent water repellency
- ◆ Chemically inactive

APPLICATIONS

- ◆ Insulation sealing for electrical connectors
- ◆ Moisture and dust protection for ignition systems

TYPICAL PROPERTY DATA

PROPERTIES		
Appearance		Translucent, Off-white
Specific gravity (25°C)		1.03
Penetration (Worked, 25°C)		260
Bleed (150°C, 24 h) ^{*1}	%	1.5
Evaporation (150°C, 24h)	%	0.6
Base oil pour point	°C	-60
Volume resistivity ^{*2}	Ω·cm	2.0×10^{15}
Dielectric strength ^{*3}	kV/0.25mm	6.7
Dielectric constant (60Hz)		2.8
Dissipation factor (60Hz)		0.0002

*1: JIS K 2220

*2: MIL-S-8660B

*3: JIS C 2380

Typical property data values should not be used as specifications.

HANDLING AND SAFETY

- ◆ Wear eye protection and protective gloves as required while handling the product.
- ◆ Use the product in a well ventilated area.

STORAGE

- ◆ Store in a cool and dry place out of direct sunlight.
- ◆ Keep out of the reach of children

PACKAGING

- ◆ 1kg can available in case of 10
- ◆ 15kg pail available

Issued Aug. 1999/1st revised July 2003, YG3058 E

FOR INDUSTRIAL USE ONLY

It is the responsibility of the user to determine the suitability of any Momentive Performance Materials Japan product for any intended application. NEVER USE ANY MOMENTIVE PERFORMANCE MATERIALS JAPAN PRODUCT FOR IMPLANTATION OR INJECTION INTO THE HUMAN BODY. Specifications are available by contacting Momentive Performance Materials Japan. Typical property data values should not be used as specifications. Inasmuch as Momentive Performance Materials Japan LLC has no control over the use to which others may put the material, it does not guarantee that the same results as those described herein will be obtained. Each user of the material should make his own tests to determine the suitability of the material for his own particular use. Statements concerning possible or suggested uses of the materials described herein are not to be construed as constituting a license under any Momentive Performance Materials Japan patent covering use or as recommendations for use of such materials in the infringement of any patent. Material Safety Data Sheets are available upon request from Momentive Performance Materials Japan. The contents of this catalog are subject to change without notice. No part of this data may be reproduced without the prior approval of Momentive Performance Materials Japan.



Momentive Performance Materials Japan LLC

<http://www.momentive.com>

Technical Answer Center (Japan): Phone: +81-276-20-6182 FAX: +81-276-31-6259
Tokyo Head Office: Phone: +81-3-5544-3111 FAX: +81-3-5544-3122