

Product Information

Specialty Lubricant

DOW CORNING

Molykote[®] G-1060 Grease

FEATURES & BENEFITS

- Compatible with most plastics
- Wide temperature range (-50°C to 120°C)
- Good lubricant for GFRP (Glass Fiber Reinforced Plastics)
- Can be used for glass fiber reinforced plastics, plastics and metal lubricating components
- Does not contain silicone thereby preventing problems with contact point failures

COMPOSITION

- Poly alpha olefin
- Lithium soap
- White solid lubricants

Synthetic grease designed for automotive body components

APPLICATIONS

- Automotive seat parts
- Gear and slides in automotive actuators
- Lubrication of glass fiber reinforced plastic parts

TYPICAL PROPERTIES

Specification Writers: These values are not intended for use in preparing specifications. Please contact your local Dow Corning sales office or your Global Dow Corning Connection before writing specifications on this product.

Test*	Property	Unit	Result
	Appearance		White
JIS K-2220	Penetration worked		320
	Temperature range	°C	-50 to 120
JIS K-2220	Dropping point	°C	207
JIS K-2220	Bleed (24hrs, 100°C)	%	2.6
JIS K-2220	Evaporation (22hrs, 99°C)	%	0.1
JIS K-2220	Copper corrosion (24hrs, 100°C)		1a
JIS K-2220	Water washout (1hr, 38°C)	%	3.3
ASTM D 2268	Four ball wear scar (1200rpm, 392N, 1hr)	mm	0.45
JIS K-2220	Low temperature torque test(-40°C)		
	Starting torque	mNm	140
	Running torque		46
	Base oil diffusion diameter	mm	63

*JIS: Japanese Industrial Standard.

ASTM: American Society for Testing and Materials.

DESCRIPTION

Molykote[®] G-1060 Grease is a poly alpha olefin grease designed for automotive body and plastic components.

HOW TO USE

Apply using conventional grease application methods, i.e., clean brush, and manual or automated dispensing equipment.

HANDLING PRECAUTIONS

PRODUCT SAFETY INFORMATION REQUIRED FOR SAFE USE IS NOT INCLUDED IN THIS DOCUMENT. BEFORE HANDLING, READ PRODUCT AND MATERIAL SAFETY DATA

SHEETS AND CONTAINER LABELS FOR SAFE USE, PHYSICAL AND HEALTH HAZARD INFORMATION. THE MATERIAL SAFETY DATA SHEET IS AVAILABLE ON THE DOW CORNING WEB SITE AT DOW CORNING.COM, OR FROM YOUR DOW CORNING SALES APPLICATION ENGINEER, OR DISTRIBUTOR, OR BY CALLING DOW CORNING CUSTOMER SERVICE.

USABLE LIFE AND STORAGE

When stored in the original unopened containers, Molykote G-1060 Grease has a usable life of 36 months from the date of producing.

PACKAGING INFORMATION

This product is available in 16kg pails.

LIMITATIONS

This product is neither tested nor represented as suitable for medical or pharmaceutical uses.

HEALTH AND ENVIRONMENTAL INFORMATION

To support Customers in their product safety needs, Dow Corning has an extensive Product Stewardship organization and a team of Product Safety and Regulatory Compliance (PS&RC) specialists available in each area.

For further information, please see our Web site, dowcorning.com or consult your local Dow Corning representative.

LIMITED WARRANTY INFORMATION – PLEASE READ CAREFULLY

The information contained herein is offered in good faith and is believed to be accurate. However, because conditions and methods of use of our products are beyond our control, this information should not be used in substitution for customer's tests to ensure that our products are safe, effective, and fully satisfactory for the intended end use. Suggestions of use shall not be taken as inducements to infringe any patent.

Dow Corning's sole warranty is that our products will meet the sales specifications in effect at the time of shipment.

Your exclusive remedy for breach of such warranty is limited to refund of purchase price or replacement of any product shown to be other than as warranted.

Figure 1: Molykote® G-1060 Grease friction test between GFRP and metal.

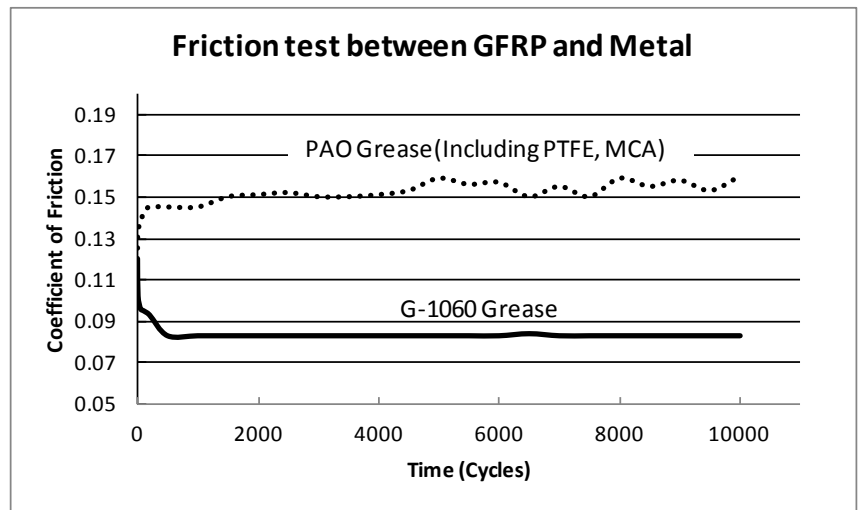
Test machine: Oscillating friction tester

Test parts: 33% glass fiber contained PA66 roller, hot dip galvanizing steel plate

Load: 3 kg

Stroke: 100mm

Speed: 100 cycles/min



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