

Product Information Specialty Lubricant

DOW CORNING

Molykote® G-1057 Grease

FEATURES

- Wide temperature range, -50 to 150°C
- Good compatibility with most plastics
- Low oil bleed
- Good share stability

BENEFITS

- Ensure smooth controlled motion
- Reduce separated oil contamination
- Reduce operational noise

COMPOSITION

- Poly Alfa Olefin Oil
- Lithium soap

PAO based damping grease

APPLICATIONS

- Automotive body and interior components
- Home appliance 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 ¹	Property	Unit	Result
JIS K-2220	Appearance		Semi-transparent
JIS K-2220	Penetration (worked 60 strokes)		348
JIS K-2220	Temperature range	°C	-50 to 150
JIS K-2220	Bleed (24hrs, 100°C)	%	0.0
JIS K-2220	Evaporation (22hrs, 99°C)	%	0.1
JIS K-2220	Dropping Point	°C	234
JIS K-2220	Copper corrosion test (24hrs, 100°C)		1a
ASTM D2266	4 ball test, wear scar (1200rpm, 392N, 1hr)	mm	0.83
JIS K-2220	Low temperature torque (-40°C) Starting torque	mN*m	83
	Running torque	mN*m	55

¹JIS: Japanese Industrial Standard.

ASTM: American Society for Testing and Materials.

DESCRIPTION

Molykote® G-1057 Grease is a PAO based grease designed to be used for lubrication and noise reduction in automotive body and interior components and in home appliances.

HOW TO USE

Clean points of lubrication. As is usual with lubricating grease, apply or fill by means of brush, spatula, or automatic filling device.

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 at or below 40°C (104°F) in the original unopened containers, this product has a usable life of 36 months from the date of production.

PACKAGING INFORMATION

This product is available in different standard container sizes. Detailed container size information should be obtained from your nearest Dow Corning sales office or Dow Corning distributor.

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.

DOW CORNING SPECIFICALLY DISCLAIMS ANY OTHER EXPRESS OR IMPLIED WARRANTY OF FITNESS FOR A PARTICULAR PURPOSE OR MERCHANTABILITY.

DOW CORNING DISCLAIMS LIABILITY FOR ANY INCIDENTAL OR CONSEQUENTIAL DAMAGES.

We help you invent the future.™

molykote.com