

Product Information Specialty Lubricant



DOW CORNING

Molykote[®] G-1076 Grease

FEATURES & BENEFITS

- Wide temperature range, -50 to 120°C
- Good compatibility with most plastics
- Low coefficient of friction at plastics/steel

COMPOSITION

- Poly Alfa Olefin Oil
- Lithium soap
- Additives

Poly Alfa Olefin Oil (PAO) based grease for automotive gear boxes and actuators

APPLICATIONS

- Gear boxes and actuators consist of plastic and metal parts
- Lubrication for plastic/metal components

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		Pink
JIS K-2220	Penetration (worked 60 strokes)		300
	Temperature range	°C	-50 to 120
JIS K-2220	Bleed (24 hrs., 100°C)	%	4.8
JIS K-2220	Evaporation (22 hrs., 99°C)	%	0.1
JIS K-2220	Dropping point	°C	210
JIS K-2220	Copper corrosion test (24 hrs., 100°C)		1a
ASTM D2266	4 ball test, wear scar (1200 rpm, 392 N, 1 hr)	mm	0.77
	Coefficient of friction (PA66/steel) 19.6 N, Stroke, 100 mm, 120 cycles/min at 20,000 cycles		0.05
JIS K-2220	Low temperature torque (-40°C)		
	Starting torque	mN·m	82
	Running torque	mN·m	42

*JIS: Japanese Industrial Standard
ASTM: American Society for Testing

DESCRIPTION

Molykote[®] G-1076 Grease is a PAO based grease designed to be used for plastics and metal components in automotive gear boxes and actuators.

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 SAFETY DATA SHEETS
AND CONTAINER LABELS FOR
SAFE USE, PHYSICAL AND
HEALTH HAZARD
INFORMATION. THE SAFETY
DATA SHEET IS AVAILABLE ON
THE DOW CORNING WEBSITE
AT DOWCORNING.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 1080 days from the date of production.

PACKAGING INFORMATION

16 kg pail

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 website, 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.

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