

## Product Information

# High Performance Lubricants

## MOLYKOTE® G-1031 Grease

**PAO Grease for plastic/metal parts lubrication with good low temperature capability**

### APPLICATIONS

- ◆ Lubrication of plastic parts for automobile, electric equipments, and precision equipments which require low temperature low torque.

### FEATURES

- ◆ Wide temperature range, -50°C~130°C
- ◆ Good compatibility with most Plastics

### TYPICAL PROPERTIES

Specifications writers: These values are not intended for use in preparing specifications. Please contact your local Dow Corning sales representative prior to writing specifications on this product.

### COMPOSITION

- ◆ Poly Alfa Olefin oil
- ◆ Lithium soap

Standard*	Property	Unit	Value
	Appearance		Beige
	Service temperature range	°C	From -50 to 130
JIS K 2220	Penetration(worked in 60 strokes)		280
JIS K 2220	Bleed (100°C, 24Hrs)	%	2.0
JIS K 2220	Evaporation (99°C, 22hrs)	%	0.2
JIS K 2220	Dropping Point	°C	195
ASTM D 2266	Four ball wear scar (1200rpm,392N,1hour)	mm	0.78
JIS K 2220	Copper Corrosion Test (100°C, 24hrs)		1a
JIS K 2220	Low temperature torque(-40°C)		
	Starting torque	mN·m	104
	Running torque	mN·m	43

\* JIS: Japanese Industrial Standard.

ASTM: American Society for Testing and Materials.

SAE: Society of Automotive Engineers.

### HOW TO USE

Clean point of lubrication. As is usual with lubricating grease, apply or fill by means of brush, spatula, or automatic dispensing equipment.

### HANDLING PRECAUTIONS

Product safety information required for safe use is not included. Before handling, read product and 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 website at [www.dowcorning.com](http://www.dowcorning.com). You can also obtain a copy from your local Dow Corning sales representative or Distributor or by calling your local Dow Corning Global Connection.

### USABLE LIFE AND STORAGE

When stored in the original unopened containers, this product has a usable life of 36 months from the date of production.

## **PACKAGING**

This product is available in 16kg

## **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, [www.dowcorning.com](http://www.dowcorning.com) or consult your local Dow Corning representative.

## **LIMITED WARRANTY INFORMATION - PLEASE READ CAREFULLY**

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