

# Product Information

## Specialty Lubricants

DOW CORNING

## Molykote<sup>®</sup> PG-661 (W) Grease

### FEATURES

- Compatible with most plastics
- Can be used for plastic-plastic contact, metal-metal contact and plastic-metal contact.
- Long service life
- Low seepage, so it can be used in places wherein cleanliness is required.
- Does not contain silicone there by preventing problems with contact point failures.

### COMPOSITION

- Poly- $\alpha$ -olefin (PAO)
- Lithium soap
- PTFE and other solid lubricants

Lubricating grease developed for plastic components

### APPLICATIONS

- Automobiles, electrical appliances, precision equipment, audio equipment, and office equipment that have plastic parts.
- PG grease considers the low seepage of oil seriously, and is recommended specifically for places where it would be undesirable for oil to spread around.

### 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.

Standard	Parameter	Unit	Value
	Appearance		White
	Base oil viscosity at 40°C	mm <sup>2</sup> /s	200
JIS K 2220	Penetration (worked 60 times)	mm/10	325
	NLGI class		1
	Service temperature range	°C	-40 to 150
	Density	g/cm <sup>3</sup>	0.88
JIS K 2220	Drop point	°C	195
JIS K 2220	Bleed (100°C24 hours)	%	3.5
JIS K 2220	Evaporation (99°C22 hours)	%	0.2
JIS K 2220	Oxidation resistance (99°C100 hours)	MPa	0.02
JIS K 2220	Copper corrosion (100°C 24 hours)		1a
	Four ball weld load(1500rpm/1minute)	N	1760
ASTM D 2266	Four ball wear scar (1200rpm, 392N, 1 hour)	mm	0.60
JIS K 2220	Low temperature torque test (-40°C)		
	Starting torque	mN · m	130
	Running torque	mN · m	69

\*JIS: Japanese Industrial Standard.

ASTM: American Society for Testing and Materials.

### HOW TO USE

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

### HANDLING PRECAUTIONS

This product may irritate the skin or eyes. Wear safety equipment as necessary when handling this product. In the event of contact with skin or eyes, immediately rinse thoroughly with water and seek medical care if necessary. Wash hands thoroughly after handling. At high temperatures in excess of 250°C, the breakdown of fluorinated polymer can cause the release of a Small amount of toxic gas. Ensure adequate ventilation.

## **USABLE LIFE AND STORAGE**

When stored, unopened in a cool, dark place this product, has a usable life of 36 months from the date of production.

## **PACKAGING INFORMATION**

This product is available in 1kg cans (10 cans/case) and 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 website, [dowcorning.com](http://dowcorning.com) or consult your local Dow Corning representative.

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

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