

# Product Information

## High Performance Lubricants

## **MOLYKOTE® G-0109 Grease**

### FEATURES

- High Dropping point to address high temperatures Range -20 to + 160 Deg C
- Excellent water Resistance.
- Excellent Anti-wear Properties
- Very Good Anti Rust Properties

### COMPOSITION

- High Quality Mineral Oil.
- Poly urea thickener.
- Performance additives.

**Description:** Molykote G-0109 grease is a High Performance Long Life multi-purpose grease designed for effective lubrication of bearings in conditions of High temperatures and Ingress of water

**Application:** Most suitable in applications subjected to High Temperatures, Water ingress, Low to Moderate loads and Low to Medium speeds. Can be used in any kind of roller and plain bearings. Suitable for use in the Handle Thrust Bearing of Two wheelers and Wheel Bearing applications of light vehicles.

### 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.

Property	Test Method	Unit	Typical Result
Color	Visual		Light Brown
NLGI Consistency	As per Standard		No 3.
Penetration (worked 60 strokes)	ASTM D 217	0.1mm	220--250
Drop Point	ASTM D 566	Deg C	> 260
Water Wash out at 79 Deg C 1 hr % loss.	ASTM D 1264	%	<3
Rust Test (distilled water)	ASTM D 1743	Rating	<1
Copper Corrosion Test	ASTM D 4048	Rating	1a
4 Ball Wear Test (scar)	ASTM D 2266	mm	<0.9
4 Ball Weld Load Kgs	ASTM D 2596	Kgs	160

### HOW TO USE

Clean points of lubrication. As is usual with lubricating greases, apply by means of brush, spatula, or automatic filling device. Do not mix with other greases.

### 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 with 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 60 months from the date of production.

## **PACKAGING**

This product is available in packing of 50 & 25 kg pails.

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

## **LIMITATIONS**

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

## **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 Dow Corning's 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.

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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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