

Product Information

High Performance Lubricants



DOW CORNING

Molykote[®] G-1021 Grease

FEATURES & BENEFITS

- Wide temperature range
- Good corrosion protection
- Low coefficient of friction

COMPOSITION

- PAO synthetic base oil
- Lithium soap

Molykote[®] G-1021 Grease is synthetic oil-based grease used where extremely low start-up and running frictional resistance at low temperatures is required.

APPLICATIONS

Molykote G-1021 Grease is especially suited for the low friction operation of applications such as:

- Plastic-to-plastic pairings
- Plastic-to-metal pairings
- Bushings and slides
- Flexible control cables

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
	Color		Off-white
	Service Temperature Range	°C	-55 to 150
ASTM D217	Penetration, worked 60	mm/10	265–295
ASTM D6184	Bleed, 24 hours @ 100°C	%	4.5
ASTM D972	Oil Evaporation, 24 hours @ 100°C	%	0.3
ASTM D566	Dropping Point	°C	213
ASTM D2266	Four Ball Wear (1200 rpm, 40 N, 75°C, 1 hour)	mm	0.73
ASTM D1478	Low Temperature Torque -20°C		
	Starting	g-cm	221
	Running	g-cm	136

*ASTM: American Society for Testing and Materials

DESCRIPTION

Molykote G-1021 Grease is designed for the long-term lubrication of metal/plastic, and plastic/plastic combinations where extremely low start-up and running frictional resistance at low temperatures is required.

HOW TO USE

Apply to clean, dry substrates using conventional grease application methods, e.g., brush, grease gun or automatic dispensing equipment.

**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**

This product has a shelf life of 60 months when kept in its original sealed container at temperatures above -18°C (0°F).

**PACKAGING
INFORMATION**

This product is supplied in 17 kg (37.5 lb) pails and 180 kg (397 lb) drums.

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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