



MOLYKOTE® G-1041 Grease

High performance synthetic grease formulated for broad performance characteristics and use with plastic/plastic/metal combinations

Features

- Formulated to be compatible with most plastics
- Excellent low temperature performance and wide temperature range: -75°F to 265°F (-60°C to 130°C)
- Low evaporation and good wear and load properties
- Good for yellow metals

Composition

- Polyalphaolefin (PAO) oil
- Lithium Thickening System

Applications

- Gears and actuators, plastic-plastic, plastic-metal, metal-metal with low to med loads
- Bearing applications
- Various industrial applications

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 IN THIS DOCUMENT. BEFORE HANDLING, READ SAFETY DATA SHEETS AND CONTAINER LABELS FOR SAFE USE, PHYSICAL AND HEALTH HAZARD INFORMATION.

Usable life and storage

When stored in the original unopened containers, MOLYKOTE® G-1041 Grease has a usable life of 36 months from the date of production.

Packaging

This product is available in different standard container sizes as shown on molykote.com. Detailed container size information should be obtained from your nearest MOLYKOTE® sales office or MOLYKOTE® distributor.

Typical properties

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

Standard	Test	Unit	Result
	Appearance		Beige
ASTM D217	Penetration (worked 60 strokes)	mm/10	280
ASTM D2265	Dropping point	°F (°C)	410 (210)
CTM 0033A	Bleed	%	2
CTM 0033A	Evaporation	%	<1
ASTM D4048	Copper corrosion (24 hrs, 100°C)		1a
ASTM D2266	Four ball wear scar (1,200 rpm, 75°C, 1 hr)	mm	0.6
ASTM D1478	Low-temperature torque test (-40°C)		
	Starting torque	mN*m	45
	Running torque	mN*m	12

⁽¹⁾ASTM: American Society for Testing and Materials. CTM: Corporate Testing Method

DuPont™, the DuPont Oval Logo, and all trademarks and service marks denoted with ™, SM or ® are owned by affiliates of DuPont de Nemours, Inc. unless otherwise noted.
© 2021 DuPont.

The information set forth herein is furnished free of charge and is based on technical data that DuPont believes to be reliable and falls within the normal range of properties. It is intended for use by persons having technical skill, at their own discretion and risk. This data should not be used to establish specification limits nor used alone as the basis of design. Handling precaution information is given with the understanding that those using it will satisfy themselves that their particular conditions of use present no health or safety hazards. Since conditions of product use and disposal are outside our control, we make no warranties, express or implied, and assume no liability in connection with any use of this information. As with any product, evaluation under end use conditions prior to specification is essential. Nothing herein is to be taken as a license to operate or a recommendation to infringe on patents.