



Specialty
Lubricants

**MOLYKOTE® G72
Plastic Grease**

FEATURES

- Plastic lubricity
- Compatibility with many plastics
- Broad service temperature range
- Low temperature characteristics
- Low oil evaporation

COMPOSITION

- Silicone oil
- Lithium complex thickener
- Plastic additives

Lithium complex soap-based grease for plastic/plastic and plastic/metal combinations in control cable applications

APPLICATION

- Suitable for lubricating control cables, such as clutch cables, gear shift cables, hand brake cables and others.

TYPICAL PROPERTIES

Specification 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.

Standard*	Test	Unit	Result*
	Appearance		
	Color		White to light grey
	Consistency, density		
DIN 51 818	NLGI consistency class		0 to 1
ISO 2137	Worked penetration	mm/10	320-370
ISO 2811	Density at 20°C	g/ml	0.96
	Temperature		
	Service temperature	°C	-40 to +200
ISO 2176	Drop point	°C	250
ASTM-D147880	Low temperature torque test at -40°C		
	initial break away torque	10 ^{a3} Nm	35
	torque after 20 minutes running time	10 ^{a3} Nm	18
	Oil separation - evaporation		
DIN 51 817	Oil bleed 24 hours, 150°C	%	1.1
	Oil evaporation, 24 hours, 150°C	%	1.4
	Cable tester (1Mio. cycles)		
	Efficiency	%	90
	Cable wear		None
	Coefficient of friction		
	Steel ball against plastic surface Ø ball = 12.7mm; load = 5N; v = 10cm/s; 24h		0.02
	Corrosion protection		
DIN 51 802	SKF-Emcors method		
	Degree of corrosion		0-1

* ASTM: American Society for Testing and Materials
ISO: International Standardisation Organisation
DIN: Deutsche Industrie Norm

HOW TO USE

How to apply

MOLYKOTE G72 Plastic Grease is easy to apply. First clean the surface to be lubricated. Then apply the

grease using a brush, a spatula, a grease gun or an automatic lubricating device. During longer production interruptions, for example overnight, release pressure from the pump system.

Do not mix MOLYKOTE G72 Plastic Grease with other greases.

Before using the product compatibility tests with plastics should be carried out for swelling and shrinkage, stress cracking, changes in strength and hardness.

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 SAFETY DATA SHEET IS AVAILABLE FROM YOUR LOCAL DOW CORNING SALES REPRESENTATIVE.

USABLE LIFE AND STORAGE

When stored at or below 25°C 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 different standard container sizes. Detailed container size information should be obtained from your nearest Dow Corning sales office or Dow Corning distributor.

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 Health, Environment and Regulatory Affairs specialists available in each area.

For further information, please consult your local Dow Corning representative.

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. Dow Corning's sole warranty is that the product will meet the Dow Corning 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. Dow Corning specifically disclaims any other express or implied warranty of fitness for a particular purpose or merchantability. Unless Dow Corning provides you with a specific, duly signed endorsement of fitness for use, Dow Corning disclaims liability for any incidental or consequential damages. Suggestions of use shall not be taken as inducements to infringe any patent.