

Product Information

High Performance Lubricants



DOW CORNING

Molykote[®] G-1123 Grease

FEATURES & BENEFITS

- Wide temperature range: -45 to 120°C
- Low friction at steel/GFRP
- Reduce noise at steel/GFRP

COMPOSITION

- Poly alfa olefin oil
- Lithium soap

Poly Alfa Olefin (PAO) grease for plastic/metal parts lubrication

APPLICATIONS

- *Molykote*[®] G-1123 Grease is used for slides for automotive parts, lubrication at GFRP (Glass Fiber Reinforced Plastics) and Steel

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
	Appearance		White
	Service temperature range	°C	-45 to 120
	Base oil viscosity	cSt	30
JIS K 2220	Penetration		280
JIS K 2220	Bleed (100°C, 24 hrs)	%	2.4
JIS K 2220	Evaporation (99°C 22 hrs)	%	0.2
ASTM D 2266	Four ball wear scar (1200 rpm, 392 N, 1 hour)	mm	0.58
JIS K 2220	Low temperature torque (-40°C)		
	Starting torque	mN•m	90
	Running torque	mN•m	30

*JIS: Japanese Industrial Standard

ASTM: American Society for Testing and Materials

DESCRIPTION

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 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

When stored in the original unopened containers below 40°C, *Molykote* G-1123 Grease has a usable life of 36 months from the date of production.

PACKAGING INFORMATION

This product is available in 16 kg

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.

TO THE FULLEST EXTENT PERMITTED BY APPLICABLE LAW, DOW CORNING SPECIFICALLY DISCLAIMS

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