

# Product Information

## Specialty Lubricants

DOW CORNING

## Molykote™ G-2159 Grease

### FEATURES & BENEFITS

- Highly effective noise dampening
- Broad plastics compatibility
- Wide service temperature range (-40°C to 150°C)

### COMPOSITION

- Poly alpha olefin
- Lithium soap
- Polytetrafluoroethylene (PTFE)
- Tackifier

Fully synthetic grease, compatible with a broad range of plastics used for lubricating plastic-to-plastic and metal-to-plastic sliding contacts. *Molykote™ G-2159 Grease* has demonstrated noise reduction properties for NVH applications and is designed to handle temperatures up to 150°C.

### APPLICATIONS

- Lubrication of automotive window regulator guide
- Sliding applications in automotive such as seats, doors, newest lift gates

### 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 to Off-white
	Base oil viscosity		
	@ 100°C cSt	cSt	5.8
	@ 40°C cSt	cSt	31.0
	@ -40°C cSt	cSt	7800
	Pour point	°F (°C)	-71 (-57)
	Flash point	°F (°C)	475 (246)
	Fire point	°F (°C)	511 (266)
	Viscosity index		138
	Dropping point	°F (°C)	
ASTM D 217	Penetration	1/10th of mm	
	Unworked		
	Worked 60 strokes		285–315
	Worked 10 k strokes		
ASTM D 566	Bleed (100°C, 24 hrs)	%	0.58
ASTM D 566	Evaporation (99°C, 22 hrs)	%	0.35
ASTM D 2266	4-Ball Wear scar (1200 rpm, 392N, 75°C, 1 hr)	mm	0.53
	Coefficient of Friction (from ASTM D2266)		0.078
ASTM D 1478	Low temperature torque (-40°C)		
	Starting torque	(mN-m)	288
	Ending torque		82

\*ASTM: American Society for Testing and Materials.

## DESCRIPTION

*Molykote* G-2159 Grease is a poly alpha olefin grease, compatible with most plastics, and designed for automotive body and interior applications

## HOW TO USE

Clean point of lubrication. As is usual with lubricating grease, apply of 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 DOW CORNING.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, *Molykote*<sup>TM</sup> G-1160 Grease has a usable shelf life of 60 months from data of production.

## PACKAGING INFORMATION

Product is available in 16 kg pails.

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

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