

Product Information

Specialty Lubricants

DOW CORNING

Molykote™ G-1151 Grease

FEATURES & BENEFITS

- Excellent noise dampening properties
- Low bleed grease helps reduce discoloration of adjacent interior materials
- Broad plastics compatibility
- Wide temperature range (-50°C to 120°C)

COMPOSITION

- Poly alpha olefin
- Lithium soap
- Special white solid lubricants

Low bleed full synthetic grease used for automotive interior seating, and sun visor slides and guides. *Molykote™* G-1151 Grease can help reduce discoloration of plastic interior parts over time, and has excellent noise dampening properties.

APPLICATIONS

- Originally designed for automotive seating applications;
- HVAC diverter doors and vents

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/Off-white
	Service Temperature Range	°F (°C)	-50 to 120°C
ASTM D445	Base oil viscosity		
	@ 100°C cSt		5
	@ 40°C cSt		26
	@ -40°C cSt		5864
ASTM D5950/D97	Pour point	°F (°C)	-90 (-68)
ASTM D92	Flash point	°F (°C)	431 (222)
ASTM D92	Fire point	°F (°C)	510 (266)
ASTM D2270	Viscosity index	°F (°C)	132
ASTM D566	Dropping point	°F (°C)	422 (217)
	Coefficient of Friction (from 4-Ball Wear test)		0.073
ASTM D 217	Penetration, Worked 60 strokes		x1/10 th mm 285–325
ASTM D6184	Bleed (100°C, 24 hrs)	%	0
ASTM D6184	Evaporation (99°C, 22 hrs)	%	0.82
ASTM 2266	4-Ball Wear scar (1200 rpm, 392N, 75°C, 1 hr)	mm	0.75
ASTM D 1478	Low temperature torque (-40°C)		
	Starting torque	mN-m	126
	Ending torque	mN-m	14

*ASTM: American Society for Testing and Materials.

DESCRIPTION

Molykote G-1151 Grease is a poly alpha olefin grease designed for automotive seating and interior parts.

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* G-1151 Grease has a usable shelf life of 36 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 or consult your local Dow Corning representative.

LIMITED WARRANTY INFORMATION – PLEASE READ CAREFULLY

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