

# Product Information

## High Performance Lubricants

**DOW CORNING**

### *Molykote*<sup>®</sup> AG-626 US Grease

#### **FEATURES**

- Wide Service Temperature Range (-50°C to 120°C)
- Compatible with most plastics
- White to light brown in color
- Good copper corrosion inhibition

#### **COMPOSITION**

- Lithium Soap Thickener
- Polyalphaolefin (PAO) base oil
- Special solid lubricants
- Corrosion inhibitors

A high performance grease made of polyalphaolefin oil thickened with lithium soap and formulated with special solid lubricants and corrosion inhibitors.

#### **APPLICATIONS**

- Lubrication of moving parts in automotive and electrical assemblies

#### **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.

CTM	ASTM*	Property	Unit	Value
		Appearance		White to light brown
	D 217	Penetration (Worked 60 strokes) NLGI class		265-295 2
		Service temperature	°C	-50 to 120
0033A		Bleed (100°C, 24hrs)	%	3.7
0033A		Evaporation (100°C, 24hrs, 1 max)	%	0.05
	D 2265	Dropping point	°C	202
	D 942	Oxidation stability (99°C/100hrs)	MPa	0.01
	D 2266	Four Ball Wear (1200rpm, 40kg, 1 hr)	mm	0.5
	D 4049	Copper corrosion (100°C, 24hrs)		1b
	D 1478	Low temperature torque (-40°C) Starting torque	g-cm	1120
		Running torque	g-cm	1061

\*CTM: Corporate Test Method, copies of CTM's are available on request.

\*ASTM: American Society for Testing and Materials.

## HOW TO USE

Clean points of lubrication. As is usual with lubricating grease, apply or fill by means of brush, spatula, or automatic lubrication device

## HANDLING PRECAUTIONS

This product may irritate skin or eyes. Wear safety equipment as necessary when handling this product. In the event of contact with skin or eyes, immediately rinse thoroughly with water and seek medical care if necessary. Wash hands thoroughly after handling.

This material will gradually decompose and release fluorinated gasses in a temperature over 250°C: Be sure to have adequate ventilation if you expect the material to decompose.

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 hazards information. The material safety data sheet is available on the Dow Corning website at [molykote.com](http://molykote.com).

You can also obtain a copy from your local Dow Corning sales representative or Distributor or by calling your local Dow Corning Global Connection.

## USABLE LIFE AND STORAGE

When stored in a cool and dark place in the original unopened containers, this product has a usable life of 36 months from the date of production.

## PACKAGING INFORMATION

This product is available in 16kg 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.

## LIMITED WARRANTY INFORMATION – PLEASE READ CAREFULLY

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