

Product Information

High Performance Lubricants

MOLYKOTE® 6173 Grease

PAO Grease for plastic/metal parts lubrication with good low temperature capability

APPLICATIONS

- ◆ Lubrication of automobile parts, electric equipments, and precision equipments which require low temperature low torque.

FEATURES

- ◆ Wide temperature range, -45°C ~150°C
- ◆ Good compatibility with most plastics

TYPICAL PROPERTIES

Specifications 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.

COMPOSITION

- ◆ Poly Alfa Olefin oil
- ◆ Lithium soap

Standard*	Property	Unit	Value
	Appearance		Beige
	Service temperature range	°C	From -45 to 150
JIS K 2220	Penetration(worked in 60 strokes)		325
JIS K 2220	Bleed (100°C, 24Hrs)	%	6.5
JIS K 2220	Evaporation (99°C, 22hrs)	%	0.1
JIS K 2220	Dropping Point	°C	195
ASTM D 2266	Four ball wear scar (1200rpm,392N,1hour)	mm	0.45
JIS K 2220	Copper Corrosion Test (100°C, 24hrs)		1a
JIS K 2220	Low temperature torque(-40°C)		
	Starting torque	mN·m	38
	Running torque	mN·m	22

* JIS: Japanese Industrial Standard.

ASTM: American Society for Testing and Materials.

SAE: Society of Automotive Engineers.

HOW TO USE

Clean point of lubrication. As is usual with lubricating grease, apply or fill by means of brush, spatula, or automatic dispensing equipment.

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

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 material safety data sheet is available on the Dow Corning website at www.dowcorning.com.

USABLE LIFE AND STORAGE

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

PACKAGING

This product is available in 16kg

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, www.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 Dow Corning's 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 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.

DOW CORNING DISCLAIMS LIABILITY FOR ANY INCIDENTAL OR CONSEQUENTIAL DAMAGES.

We help you invent the future.™

www.dowcorning.com