

# Product Information

## High Performance Lubricants

# MOLYKOTE® EM-30LP Grease

### FEATURES

- Wide temperature range, -45~150 °C
- Good compatibility with most plastics
- Non-silicone grease: no negative effect on electrical contacts.
- Pink color is easy to identify even on white parts.

### COMPOSITION

- Poly-alfa-olefin (PAO)
- Lithium soap thickener
- Special solid lubricants

**Pink color PAO grease containing solid lubricants for plastic parts lubrication**

### APPLICATIONS

- Lubrication of contact points of plastic parts

### TYPICAL PROPERTIES

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.

	Property	Unit	Value
	Temperature range	°C	-45~150
JIS K 2220	Penetration (worked 60 strokes)		325
JIS K 2220	Density (20°C)	g/cm <sup>3</sup>	0.91
JIS K 2220	Bleed (24hrs, 100°C)	%	5.0
JIS K 2220	Evaporation (22hrs, 99°C)	%	0.4
JIS K 2220	Copper corrosion test (24hrs, 100°C)		1a
ASTM 2266	4 ball test, wear scar (1200rpm, 392N, 1hr)	mm	0.50
	4 ball test, weld load (1500rpm, 1min)	N	3730
JIS K 2220	Low temperature torque (-40°C) Starting torque	mNm	108
	Running torque		51

### HOW TO USE

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

### 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.molykote.com](http://www.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 the original unopened containers, this product has a usable life of 36 months from the date of production.

### PACKAGING

This product is available in 1kg x10/carton.

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

## **LIMITATIONS**

This product is neither tested nor represented as suitable for medical or pharmaceutical uses.

## **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.

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