

MOLYKOTE[®] EM-30LP Grease

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

Features

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

Composition

- Polyalphaolefin (PAO)
- Lithium soap thickener
- Special solid lubricants

Applications

Lubrication of contact points of plastic parts.

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 IN THIS DOCUMENT. BEFORE HANDLING, READ SAFETY DATA SHEETS AND CONTAINER LABELS FOR SAFE USE, PHYSICAL AND HEALTH HAZARD INFORMATION.

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 1 kg can x 10/carton.

Typical properties

Specification writers: These values are not intended for use in preparing specifications. Please contact your local MOLYKOTE[®] sales representative prior to writing specifications on this product.

Standard ⁽¹⁾	Test	Unit	Result
	Temperature range	°C	-45 to 150
JIS K 2220	Penetration (worked 60 strokes)		325
JIS K 2220	Density (20°C)	g/cm ³	0.91
JIS K 2220	Bleed (24 hrs, 100°C)	%	5.0
JIS K 2220	Evaporation (22 hrs, 99°C)	%	0.4
JIS K 2220	Copper corrosion test (24 hrs, 100°C)		1a
ASTM D2266	4 ball test, wear scar (1,200 rpm, 392 N, 1 hr)	mm	0.50
	4 ball test, weld load (1,500 rpm, 1 min)	N	3,730
JIS K 2220	Low-temperature torque (-40°C)		
	Starting torque	mNm	108
	Running torque	mNm	51

⁽¹⁾JIS: Japanese Industrial Standard. ASTM: American Society for Testing and Materials.

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