

MOLYKOTE[®] EM-50LS Grease

Light-green, transparent PAO grease

Features

- Wide temperature range: -40 to 150°C
- Good compatibility with most rubber and plastics
- Noise reduction properties
- Nonsilicone grease; no negative effect on electrical contacts
- Green color is easy to identify, even on white parts

Composition

- Polyalphaolefin (PAO)
- Lithium soap thickener

Applications

Noise reduction for plastic parts. Better control “feel” in electric equipment. Lubrication of various plastic moving 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, unopened, this product has a usable life of 36 months from the date of production.

Packaging

This product is available in 1 kg cans x 10/carton and 16 kg pails.

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	-40 to 150
JIS K 2220	Penetration (worked 60 strokes)		325
JIS K 2220	Density (20°C)	g/cm ³	0.84
JIS K 2220	Bleed (100°C, 24 hr)	%	2.5
JIS K 2220	Evaporation (99°C, 22 hr)	%	0.3
JIS K 2220	Copper corrosion test (24 hr, 100°C)		1a
ASTM D2266	4 ball test, wear scar (1,200 rpm, 40 kg, 1 hr)	mm	0.71
ASTM D2596	4 ball test, weld load (1,500 rpm, 1 min)	N	1,370
JIS K 2220	Low-temperature torque (-40°C)		
	Starting torque	mNm	300
	Running torque	mNm	140

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

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