MOLYKOTE® X5-6020 Grease

Lubricating grease developed for plastic components

Features

- Compatible with most plastics
- Can be used for plastic-plastic contact, metal-metal contact and plastic-metal contact
- White color does not damage appearance of equipment
- Does not contain silicone, thereby preventing problems with contact point failures

Composition

- Highly refined mineral oil
- Lithium soap
- White solid lubricants

Applications

Automobiles, electrical appliances, precision equipment, audio equipment, and office equipment with plastic parts.

How to use

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

Handling precautions

This product may irritate the 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. At high temperatures in excess of 200°C, the breakdown of fluorinated polymer can cause the release of a small amount of toxic gas. Ensure adequate ventilation.

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, in a cool, dark place, this product has a usable life of 36 months from the date of production.

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
	Appearance		White
	Base oil viscosity at 40°C	mm^2/s	80
JIS K 2220	Penetration (worked 60 times)	mm/10	315
	NLGI class		1 to 2
	Service temperature range	°C	-30 to 150
	Density	g/cm^3	0.96
JIS K 2220	Drop point	°C	190
JIS K 2220	Bleed (100°C, 24 hours)	%	4.0
JIS K 2220	Evaporation (99°C, 22 hours)	%	0.7
JIS K 2220	Copper corrosion (100°C, 24 hours)		1a
ASTM D2266	Four ball wear scar (1,200 rpm, 392 N, 1 hour)	mm	0.50
	Foamed polystyrene test 60°C (140°F) 24 hours		No change

[1]JIS: Japanese Industrial Standard. ASTM: American Society for Testing and Materials.

Packaging

This product is available in 1 kg cans (10 cans/case) and 16 kg pails.

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