MOLYKOTE® PG 65 Plastislip

Features

- Compatible with many plastics
- Low coefficient of friction
- Designed for high-speed applications

Composition

- Synthetic hydrocarbon oil
- Lithium soap
- Specially formulated solid lubricants

Applications

MOLYKOTE® PG 65 Plastislip is designed primarily for plastic/plastic, plastic/metal, plastic/rubber, and metal/rubber lubrication in electromechanical applications such as bearing bushings, gears, sliding tracks, switches, levers, and hinges. MOLYKOTE® PG 65 Plastislip is particularly effective as a lubricant in Bowden cable control systems, electric motors and gearboxes, automotive sunroof tracks, and automotive HVAC controls.

Description

MOLYKOTE® PG 65 Plastislip is a synthetic hydrocarbon oil/lithium soap grease containing specially formulated solid lubricants. It has excellent compatibility with plastics such as PET, HDPE, PTFE, nylon, and PBT and rubbers such as NBR, PIB, polyurethane, and neoprene. It has a low coefficient of friction and offers good lubricity at high operating speeds.

How to use

Apply to clean, dry substrates. MOLYKOTE® PG 65 Plastislip can be applied using conventional grease application methods including brush, grease gun, or automatic dispensing.

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

MOLYKOTE® PG 65 Plastislip has a shelf life of 60 months from date of manufacture. Store at ambient conditions in original, closed container.

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	Test	Unit	Result
	Color		Beige
	Physical form		Light-consistency grease
	Useful temperature range	°C (°F)	-55 to 130 (-67 to 266)
	Penetration, worked 60	mm/10	275 to 305
	NLGI #		1
	Four-ball wear test, 1 hour at 400 N	mm	0.6
	Water washout at 80°C (176°F)	%	2.5
	Oil evaporation, 24 hours at 100°C (212°F)	%	0.4
	Coefficient of friction, (steel ball/plastic substrate, 6.3 N load, 10 mm/sec rate)		0.05

Packaging

MOLYKOTE® PG 65 Plastislip is available in 25 kg (55 lb) containers and 160 kg (352 lb) drums.

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