

# Information About *Molykote*<sup>®</sup> PG 65 Plastislip

**Type**

Synthetic hydrocarbon oil/  
lithium soap grease

**Physical Form**

Light-consistency grease

**Special Properties**

Compatible with many plastics;  
low coefficient of friction;  
designed for high-speed  
applications

**Primary Uses**

Low friction operation of many  
rubber/plastic, plastic/plastic,  
metal/plastic, and metal/rubber  
substrates in electromechanical  
applications such as automotive  
sunroof tracks, HVAC controls,  
electric motors, and automotive  
cables

**Useful Temperature Range**

-55° to 130°C (-67° to 266°F)

**DESCRIPTION**

*Molykote*<sup>®</sup> 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.

**TYPICAL APPLICATIONS**

*Molykote* PG 65 Plastislip is designed primarily for plastic/plastic, plastic/metal, plastic/rubber, and metal/rubber lubrication in electro-mechanical 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 gear-boxes, automotive sunroof tracks, and automotive HVAC controls.

**TYPICAL PROPERTIES**

**These values are not intended for use in preparing specifications.**

Color .....	Beige
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), percent .....	2.5
Oil Evaporation, 24 hours at 100°C (212°F), percent .....	0.4
Coefficient of Friction, (steel ball/plastic substrate, 6.3 N load, 10 mm/sec rate) ....	0.05

**Specification Writers: Please obtain a copy of the Dow Corning Sales Specification for this product and use it as a basis for your specifications. It may be obtained from any Dow Corning Sales Office, or from Dow Corning Customer Service in Midland, MI. Call (517) 496-6000.**

**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.

**SHIPPING LIMITATIONS**

None.

**STORAGE AND SHELF LIFE**

*Molykote* PG 65 Plastislip has a shelf life of 60 months from date of manufacture.

Store at ambient conditions in original, closed container.

**PACKAGING**

*Molykote* PG 65 Plastislip is available in 25-kg (55-lb) containers and 160-kg (352-lb) drums.

**LIMITATIONS**

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

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**SAFE HANDLING INFORMATION**  
PRODUCT SAFETY INFORMATION  
REQUIRED FOR SAFE USE IS NOT  
INCLUDED. BEFORE HANDLING,  
READ PRODUCT AND MATERIAL  
SAFETY DATA SHEETS AND CON-  
TAINER LABELS FOR SAFE USE,  
PHYSICAL AND HEALTH HAZARD  
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