

Information About *Molykote*® 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® 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 gearboxes, 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.

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
INFORMATION. THE MATERIAL
SAFETY DATA SHEET IS AVAILABLE
FROM YOUR DOW CORNING REP-
RESENTATIVE, OR DISTRIBUTOR,
OR BY WRITING TO DOW CORNING
CUSTOMER SERVICE, OR BY CALL-
ING 1-517-496-6000.

**LIMITED WARRANTY—
PLEASE READ CAREFULLY**

Dow Corning believes that the
information in this publication is an
accurate description of the typical
characteristics and/or uses of the
product or products, but it is your
responsibility to thoroughly test the
product in your specific application
to determine its performance, efficacy
and safety. Suggestions of uses should
not be taken as inducements to
infringe any particular patent.

Unless Dow Corning provides you with
a specific written warranty of fitness
for a particular use, Dow Corning's
sole warranty is that the product or
products will meet Dow Corning's
then current sales specifications.

**DOW CORNING SPECIFICALLY
DISCLAIMS ANY OTHER EXPRESS
OR IMPLIED WARRANTY, INCLUD-
ING THE WARRANTIES OF MER-
CHANTABILITY AND OF FITNESS**

FOR USE. Your exclusive remedy and
Dow Corning's sole liability for breach
of warranty is limited to refund of the
purchase price or replacement of any
product shown to be other than as
warranted, and Dow Corning expressly
disclaims any liability for incidental or
consequential damages.

Dow Corning and *Molykote* are registered trademarks
of Dow Corning Corporation.

©1997 Dow Corning Corporation.
All rights reserved.

Printed in USA AMPM0201/1197 Form No. 10-763A-98

Dow Corning Corporation
Midland, Michigan 48686-0994

DOW CORNING