

Information About *Molykote*[®] PG 75 Grease

Type

Semisynthetic oil/lithium soap grease

Physical Form

Medium-consistency grease

Special Properties

- High load-carrying capacity
- Low coefficient of friction
- Compatible with many plastics

Primary Uses

Long-term lubricant for plastic/plastic, plastic/metal, and metal/oil-resistant rubber substrates in electromechanical applications

Useful Temperature Range

-42° to 130° C (-44° to 266° F)

DESCRIPTION

Molykote[®] PG 75 Grease is a special semisynthetic grease that has a high load-carrying capacity, offers a very low coefficient of friction, and has a service temperature range of -42° to 130° C (-44° to 266° F).

TYPICAL APPLICATIONS

Molykote PG 75 Grease is designed for long-term plastic/plastic, plastic/metal, and metal/oil-resistant rubber lubrication. *Molykote* PG 75 Grease exhibits excellent compatibility with polyacetals (POM), ABS, polypropylene, polyurethane and low-density polyethylene. It is especially suited for the low friction operation of most rubber or plastic parts such as bearing bushings, gears, chains, sealing rings, sliding tracks, and switches. Applications include automotive ball joints, cable control systems, electric motors and silent blocks, shock

absorbers and valves, household and garden appliances, and office and electronic equipment.

HOW TO USE

Apply to clean, dry substrates. *Molykote* PG 75 Grease can be applied using conventional grease application methods, including brush, grease gun, or automatic dispensing.

SHIPPING LIMITATIONS

None.

STORAGE AND SHELF LIFE

Molykote PG 75 Grease can be stored for 36 months from date of shipment at ambient temperatures in its original, closed container.

PACKAGING

Molykote PG 75 Grease is available in 15-kg (33-lb) pails and 160-kg (352-lb) drums.

LIMITATIONS

Not intended for medical use.

TYPICAL PROPERTIES

These values are not intended for use in preparing specifications.

CTM* 0176B	Color	Beige
ASTM D 217	Penetration, worked 60, mm/10	285 to 300
	NLGI #	2
ASTM D 2266	Four-Ball Wear Test, 1 hour at 400 N, mm	0.6
ASTM D 1264	Water Washout, at 80° C (176° F), percent.....	2.5
Fed. Stds. 791, Method 321.1	Bleed, 24 hours at 100° C (212° F), percent	2.2
ASTM D 2545	Evaporation, 24 hours at 100° C (212° F), percent.....	0.1
	Coefficient of Friction, steel ball/plastic substrate, 6.3 N load, 10 mm/sec rate	0.02

*CTMs (Corporate Test Methods) correspond to standard ASTM tests in most instances. Copies of CTMs are available upon request.

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.

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