

Product Information High Performance Lubricants

DOW CORNING

Molykote[®] G-0010 Multipurpose Bearing Grease

FEATURES

- Wide temperature range
- Extreme Pressure lubrication
- Excellent corrosion-preventive properties
- Shear resistant

COMPOSITION

- Modern polyurea thickener
- Mineral base oil
- Corrosion inhibitor

Multipurpose Polyurea-thickened bearing grease

APPLICATIONS

- Electrical motors
- Fan bearings
- Water pump bearings
- Dryers in chemical and paper industries

TYPICAL PROPERTIES

Specification Writers: These values are not intended for use in preparing specifications. Please contact your local Dow Corning sales office or your Global Dow Corning Connection before writing specifications on this product.

Standard	Test	Unit	Value
	Color		Green
	Base oil type		Mineral oil
	Thickener type		Polyurea
	Consistency, Viscosity		
ASTM D 217	Consistency	NLGI Class	2
	Worked Penetration	mm/10	265 - 295
ASTM D 445	Base oil viscosity @ 40°C	mm ² /s	125
	Temperature		
	Service temperature range (est.)	°C	-30 to +170
		°F	-20 to +340
ASTM D2265	Dropping point	°C (°F)	> 260 (> 525)
	Oil Separation/Evaporation		
FTMS 791C-321.2	Oil separation (24 hrs/ 100°C)	Mass-%	2.3
	Evaporation loss (24 hrs/ 100°C)	Mass-%	0.1
	Load Carrying Capacity, Wear Protection, Speed		
ASTM D 2596	Four Ball Tester Weld load	kg	315
ASTM D 2266	Wear scar under (40 kg; 75°C; 1 hr)	mm	0.60
	Dn value (D _k x rpm; estimated)		400 M
ASTM D 1743	Corrosion prevention		1, 1, 1 Pass

ASTM: American Society for Testing and Materials
FTMS: Federal Test Methods