

# Product Information

## Specialty Lubricants

DOW CORNING

# MOLYKOTE® 7348 Silicone Grease

## FEATURES

- Low evaporation
- High oxidation resistance
- Good long term lubrication
- High drop point
- Water resistant

## COMPOSITION

- Silicone oil
- Lithium complex thickener
- Anti-oxidant
- Solid lubricants

## High temperature silicone grease for rolling-element bearings

### APPLICATION

- Used successfully on bearings in driers and on conveyor chains of wood coatings plants. Also suitable for sterilizers.

### TYPICAL PROPERTIES

Specification writers: These values are not intended for use in preparing specifications. Please contact your local Dow Corning sales representative prior to writing specifications on this product.

Standard*	Test	Unit	Result
	Color		Light beige
	<b>Consistency, density, viscosity</b>		
DIN 51 818	NLGI consistency class		2
ISO 2137	Worked penetration	mm/10	265-295
ISO 2811	Density at 20°C	g/ml	1.09
DIN 51 562	Base oil viscosity at 25°C	mm <sup>2</sup> /s	500
	<b>Temperature</b>		
	Service temperature	°C	-20 to +230; +250 for short periods
ISO 2176	Drop point	°C	>290
	<b>Load-carrying capacity</b>		
	Four-ball tester		
DIN 51 350 pt.4	Weld load	N	1500
	<b>Resistance</b>		
DIN 51 807 pt.1	Water resistance, static		1-90
DIN 51 808	Oxidation resistance, pressure drop 100h, 99°C	bar	0.1
	<b>Oil separation</b>		
	Oil separation		
DIN 51 817	Standard test	%	1.9

\* ISO: International Standardisation Organisation.

DIN: Deutsche Industrie Norm.

## HOW TO USE

### How to apply

Clean bearing surfaces. Apply grease in the normal way using a brush, grease gun or automatic lubricating system. MOLYKOTE 7348 Grease can be used in centralised lubrication systems.

## HANDLING PRECAUTIONS

PRODUCT SAFETY INFORMATION REQUIRED FOR SAFE USE IS NOT INCLUDED. BEFORE HANDLING, READ PRODUCT AND SAFETY DATA SHEETS AND CONTAINER LABELS FOR SAFE USE, PHYSICAL AND HEALTH HAZARD INFORMATION. THE SAFETY DATA SHEET IS

AVAILABLE FROM YOUR LOCAL  
DOW CORNING SALES  
REPRESENTATIVE.

## **USABLE LIFE AND STORAGE**

When stored at or below 20°C in the original unopened containers, this product has a usable life of 60 months from the date of production.

## **PACKAGING**

This product is available in different standard container sizes. Detailed container size information should be obtained from your nearest Dow Corning sales office or Dow Corning distributor.

## **LIMITATIONS**

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

## **HEALTH AND ENVIRONMENTAL INFORMATION**

To support customers in their product safety needs, Dow Corning has an extensive Product Stewardship organization and a team of Health, Environment and Regulatory Affairs specialists available in each area.

For further information, please consult your local Dow Corning representative.

## **WARRANTY INFORMATION - PLEASE READ CAREFULLY**

The information contained herein is offered in good faith and is believed to be accurate. However, because conditions and methods of use of our products are beyond our control, this information should not be used in substitution for customer's tests to ensure that Dow Corning's products are safe, effective, and fully satisfactory for the intended end use. Dow Corning's sole warranty is that the product will meet the Dow Corning sales specifications in effect at the time of shipment. Your exclusive remedy for breach of such warranty is limited to refund of purchase price or replacement of any

product shown to be other than as warranted. Dow Corning specifically disclaims any other express or implied warranty of fitness for a particular purpose or merchantability. Unless Dow Corning provides you with a specific, duly signed endorsement of fitness for use, Dow Corning disclaims liability for any incidental or consequential damages. Suggestions of use shall not be taken as inducements to infringe any patent.