**Product Information**
Specialty
Lubricants

DOW CORNING

# *Molykote*® Lubolid Additive Powders

## FEATURES

- Reduction of fading
- Improvement of friction recovery
- Stabilization of friction
- Reduction of vibration
- Improvement of comfort
- Reduction of pad wear
- Reduction of rotor wear
- Prevention of DTV
- Antimony- and lead-free (“according to End-of-Life Vehicles Directive ELV”)

## COMPOSITION

- Inorganic Solids

**Friction control additives**

## APPLICATIONS

*Molykote*® Lubolid Additive Powders are suitable for use in the following applications:

- Pads of disc brakes for passenger cars and commercial vehicles
- Linings for drum brakes
- Pads for rail road disc brakes
- Brake shoes for rail road wheel brakes
- General industrial brake linings
- Clutch linings

## 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.

| Property | Unit | Value |
|---|---|---|
| Color | | Grey |
| Consistency | | Free flowing powder |
| Application temperature | °C/°F | max. 650/1202 |

*For further performance data compare Table 1*

## HOW TO USE

Recommended is to add 3 – 7 weight percent of *Molykote*® Lubolid Additive Powder to the friction lining formulation. This mixture should be stirred till a homogeneous distribution occurred.

## 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 material safety data sheet is available on the Dow Corning website at www.dowcorning.com. You can also obtain a copy from your local Dow Corning sales representative or Distributor or by calling your local Dow Corning Global Connection.

## USABLE LIFE AND STORAGE

When stored at or below 25°C (77°F) in the original unopened bags, this product has a usable life of 60 months from the date of production.

## PACKAGING

This product is available in 25 kg paper bags with plastic interior.

## 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 Product Safety and Regulatory Compliance (PS&RC) specialists available in each area.

For further information, please see our website, www.dowcorning.com or consult your local Dow Corning representative.

## LIMITED 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. Suggestions of use shall not be taken as inducements to infringe any patent.

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Comparison of Product Properties

| Type of ***Molykote***® **Lubolid Additive Powder** | Tamped volume (ml/100g) | Tamped density ($g/cm^3$) | Theoretical density ($g/cm^3$) | Residue on 100 µm screen (%) | Moisture max. (%) | Key feature | Main application |
|---|---|---|---|---|---|---|---|
| 7365 | 233 | 0,43 | 3,26 | 0,9 | 1,0 | Stabilization for friction | Passenger car disc brake pads |
| 7375 | 135 | 0,74 | 3,26 | 3,1 | 1,0 | Multi-purpose brake pad additive | Passenger car pads, railroad brake pads |
| D-3912 | 227 | 0,44 | 3,23 | 0,9 | 1,0 | Stabilization for friction | Commercial vehicles |
| D-29 | 244 | 0,41 | 2,55 | 3,0 | 5,0 | Reduction of noise and judder | Passenger car pads and clutches, railroad brake blocks |
| D-54 | 244 | 0,41 | 3,25 | 2,2 | 2,0 | Improvement of comfort | Passenger car pads |
| D-55 | 235 | 0,43 | 3,21 | 2,8 | 2,0 | Improvement of comfort | Passenger car pads |
| D-78 | 222 | 0,45 | 3,16 | 1,6 | 2,0 | Stabilization for friction at high speeds | Railroad brake blocks and passenger cars |
| D-79 | 238 | 0,42 | 3,00 | 2,4 | 2,5 | Reduction of disc wear | Passenger car pads |


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