

Product Information

Specialty Lubricants

DOW CORNING

Molykote[®] EM-D110 Grease

FEATURES

- Compatible with most plastics
- Effective in reducing noise from plastic gears
- Long service life
- Low seepage, so it can be used in places wherein cleanliness is required
- Does not contain silicone thereby preventing problems with contact point failures

COMPOSITION

- Poly- α -olefin
- Lithium soap
- PTFE and other individual lubricants

Lubricating grease developed for plastic components

APPLICATIONS

- Indicate applications based upon the physical properties of the product

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* | Parameter | Unit | Value |
|------------|---------------------------------------|--------------------|------------|
| | Appearance | | White |
| | Base oil viscosity at 40°C | mm ² /s | 9850 |
| JIS K 2220 | Penetration (worked 60 times) | | 360 |
| | NLGI class | | 0 to 1 |
| | Service temperature range | °C | -10 to 150 |
| | Density | g/cm ³ | 0.86 |
| JIS K 2220 | Drop point | °C | 195 |
| JIS K 2220 | Bleed (100°C 24 hours) | % | 2.5 |
| JIS K 2220 | Evaporation (99°C 22 hours) | % | 0.2 |
| JIS K 2220 | Oxidation resistance (99°C 100 hours) | MPa | 0.02 |
| JIS K 2220 | Copper corrosion (100°C 24 hours) | | 1a |

*JIS: Japanese Industrial Standard.

HOW TO USE

Clean points of application. As is usual with lubricating greases, apply or fill by means of a brush, spatula, or automatic lubrication device.

HANDLING PRECAUTIONS

Molykote[®] EM-D110 Grease may irritate the skin or eyes. Wear safety equipment as necessary when handling this product. In the event of contact with skin or eyes, immediately rinse thoroughly with water and seek medical care if necessary. Wash hands thoroughly after handling. At high temperatures in excess of 250°C, the breakdown of fluorinated polymer can cause the release of a small amount of toxic gas. Ensure adequate ventilation.

USABLE LIFE AND STORAGE

When stored, unopened in a cool, dark place, this product has a usable life of 36 months from the date of production

PACKAGING INFORMATION

This product is available in 1kg cans (10 cans/case) and 16kg pails.

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.molykote.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 our 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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