

# Product Information

## High Performance Lubricants

DOW CORNING

# *Molykote*<sup>®</sup> AS-812 Grease

## **FEATURES**

- Excellent low temperature properties.
- Good compatibility with plastics and rubber
- Wide service temperature range (-50°C to 200°C)

## **BENEFITS**

- Long term lubrication

## **Silicone Grease**

### **APPLICATIONS**

- Designed for lubricating various plastic and metal parts used in automotive body and interior applications.

### **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.

<b>Property</b>	<b>Value</b>
Color	Light pink
Penetration, worked 60, mm/10	315 - 355
Specific Gravity @ 25°C	1.1
Bleed (24h @ 100°C), %	1.5
Evaporation (22h @ 99°C), %	0.1
Dropping Point	over 250°C
Oxidation Stability (100h @100°C), psi	1.4
Copper Corrosion Test (24h @ 100°C)	1b
Low Temperature Torque, gf-cm	
@ -40°C Starting torque	300
Running torque	150

### **DESCRIPTION**

*Molykote*<sup>®</sup> AS-812 is a high performance, silicone oil-based, lithium-thickened grease containing PTFE as a solid lubricant.

### **HOW TO USE**

Clean load bearing surfaces. Apply grease in normal way using brush, grease gun, or automatic lubricating system. *Molykote*<sup>®</sup> AS-812 can be used in centralized 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 material safety data sheet is available on the Dow Corning website at [www.dowcorning.com](http://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

*Molykote*<sup>®</sup> AS-812 has a shelf life of 36 months when kept in its original sealed container at temperatures above -18°C (0°F).

## PACKAGING

*Molykote*<sup>®</sup> AS-812 is supplied in 18 kg (39.7 lb) open-top 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.dowcorning.com](http://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.

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.**

**DOW CORNING DISCLAIMS LIABILITY FOR ANY INCIDENTAL OR CONSEQUENTIAL DAMAGES.**

*We help you invent the future.*<sup>™</sup>

[www.dowcorning.com](http://www.dowcorning.com)