



www.cals-corp.com

OFFICE : 2F, 84, Beodeunaru-ro, Yeongdeungpo-gu, Seoul, 07230, Korea
 Tel. (02) 2632-9441 Fax. (02) 2632-9580
 PLANT : 123-63, Injusandan-ro, Inju-myeon, Asan-si, Chungcheongnam-do, Korea
 Tel. (041) 541-9441 Fax. (041) 541-9447

ISO 9001 / 14001 / TS 16949 / QS 9000 / NT Mark

CASMOLY PL-201

Plastic Grease

○ Description

CASMOLY PL-201 is lithium soap grease based on synthetic oil that is suitable for plastic and rubber with various kinds of special additives selected carefully. It provides long-term lubrication to such as plastic gears due to a good anti-wear property and it prevents pollution to other parts due to low oil spread. Also, it does not make badness on electric contacts.

It has an excellent compatibility with plastic materials. It is very good for plastic to metal, metal to metal as well as any plastic materials. It provides a good lubrication under light & heavy load.

○ Characteristic

- Excellent anti-wear property
- Good compatibility with plastic materials
- Non-spreading property
- Long-term lubrication
- Service temperature: -50°C ~ +150°C

○ Main Ingredients

- Synthetic oil
- Lithium soap
- Special white solid lubricants

○ Application

- Plastic to plastic: cassette, tape recorder, gear mechanism of VCR deck
- Plastic to metal: control cable, small motor, slide & guide, bearing of audio parts, automotive parts
- Metal to metal: electric/electronic and automotive components applications under light & heavy load

○ Packing

- 1KG/CAN
- 15KG/PAIL

○ Typical Properties

Test Items	CASMOLY PL-201	Test Method
Appearance	White	-
Worked Penetration (25°C)	310~340	ASTM D 217
Dropping Point (°C)	Min. 205	ASTM D 566
Oil Separation (wt%)	Max. 5.0	ASTM D 6184
Four Ball E.P. (kg)	Min. 315	ASTM D 2596
Four Ball Wear (mm)	Max. 0.6	ASTM D 2266
Low Temperature Torque test (-30°C, gf.cm)	Starting	Max. 800
	Running	Max. 500
		ASTM D 1478

*ASTM: American Society for Testing & Materials.
 ☞ All values are not intended for use in preparing specifications.