

Electro-Mechanical Plastics Lubricant

Product Code: EMPL

PRODUCT DESCRIPTION

A non-soap thickened, non-melting grease with excellent plastics compatibility and a good degree of electrical characteristics. Wide temperature range and good mechanical lubrication properties. Designed for use as an assembly grease, where migration onto electrical contacts is possible.

A wide range of Contact Greases and Oils are available from Electrolube, specifically for electrical switch and connector interfaces. Speciality lubricants for plastic / plastic interfaces are also available. Please contact Electrolube for advice on the correct product for your application.

PRODUCT USE

Developed to remove the problem of stress cracking caused by the interaction of other lubricants with thermo-plastics under stress. Highly suitable for electro-mechanical uses and as an assembly grease.

FEATURES

- * Maintains low contact resistance on most types of wiping, sliding and non arcing contacts
- * Compatible with most plastics including polycarbonate, 'Noryl' and polystyrene
- * Wide operating temperature range
- * Excellent anti-wear characteristics
- * Excellent thermal conductivity characteristics

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TYPICAL PROPERTIES

Colour:	Light Brown Grease
Temperature Range (°C):	-20 to +200
Thermal Conductivity (cal/cm/sec/°C):	4.0 x 10 ⁻⁴
Water Content (%):	<0.2
Drop Point (ASTM D566):	>250°C
Penetration @ 25°C	Worked 270 to 300 Unworked 260 to 290
Evaporation Weight Loss (Method 0 ASTM D972)	
500 hours @ 50°C:	0.55%
500 hours @ 100°C:	1.57%
500 hours @ 150°C:	3.65%
24 hours @ 200°C:	2.45%

PACKAGING

10ml Syringe
1 Kg
12.5 Kg
EMPL12.5K

ORDER CODE

EMPL10S
EMPL01K

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