

Technical Data Sheet



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PRODUCT DESCRIPTION:	Ultra Plastics Compatible Grease	DATE:	05/97
PRODUCT CODE:	UPG	PAGES:	1

PRODUCT DESCRIPTION

Ultra Plastics Compatible Grease is a synthetic grease offering outstanding low temperature performance and excellent compatibility with thermoplastics, including ABS and Polycarbonate, even at elevated temperatures. **Ultra Plastics Compatible Grease** is an efficient mechanical lubricant for plastics both with themselves and with metals.

UPG has been tested on ABS and polycarbonate, and has passed tests run at 90°C for long periods. The sample bars are stressed during these tests. Even tests on expanded polystyrene show no effect at 50°C for 28 days. However, as grades of plastics and the amount of stress that can be present in a moulding vary greatly Electrolube always advise customers to check compatibility prior to production.

UPG uses advanced thickener technology, ensuring that even if the base oil is forced to evaporate off (at extremely high temperatures) the thickener will not remain as an abrasive and electrically insulative layer. This gives the benefit of additional peace of mind when specifying **UPG** for very high temperature, or very long lifetime equipment.

PRODUCT USE

Ultra Plastics Compatible Grease has been formulated to ensure compatibility with metals commonly used in the manufacture of electrical switches and is particularly recommended as an assembly aid in switch manufacture (montage grease). It is also ideal to reduce wear in timers and other plastic/plastic friction points (e.g. gears and cogs within photocopiers).

The combination of exceptional wear characteristics and plastics compatibility make **UPG** ideal for a wide range of applications where noise reduction is particularly important.

UPG is not designed for use on current carrying surfaces (switches & connectors). If this is required please refer to the Electrolube range of Contact Lubricants.

TYPICAL PROPERTIES

Appearance:	Light Pink (colourless in thin film)
Specific Gravity:	0.85
Consistency:	NLGI 1
Drop Point (°C):	200
Penetration (60 strokes @ 20°C (IP 50)):	305 to 340
Copper Strip Corrosion (IP112/56 @ 150°C):	1a
Flash Point (°C):	243
Working Temperature Range (°C):	-50 to +125

PACKAGING

10 Kg Bulk

ORDER CODE

UPG10K

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