

ULTRASIL GREASE 2

HIGH TEMPERATURE GREASE

DESCRIPTION

ULTRASIL GREASE-2 is a translucent silicone grease with high resistance to temperature and oxidation.

APPLICATIONS

Suitable for good and long-lasting lubrication of ball bearings, valves and fittings, both at room and high temperatures, under moderate loads. Also as an anti-seize for threads, etc.

Especially suitable for electrical insulation, it is suitable for the protection of electrical equipment (enclosures, connectors, ignition circuits, cable ends).

Due to its composition it is suitable for the lubrication of metal-plastic or plastic-plastic pairs.

PROPERTIES

- Resistant to oxidation, water and, in general, to most aggressive vapours. Therefore it is suitable for long term lubrication even under adverse environmental conditions.
- Good performance over a wide temperature range, from -50 to +200°C.
- Superior corrosion resistance compared to mineral greases.
- No toxicity.
- Compatible with EPDM seals.

QUALITY LEVEL

- ISO-L-XEGEA 2

TECHNICAL CHARACTERISTICS

	Method	Typical valeurs	Un.
Appearance	Translucent grease		
Penetration at 25°C			
- Unworked	ASTM D-217	250	mm ⁻¹
- Worked at 60 strokes		280	
NLGI consistency	ISO 2137	2	-
Dropping point	ASTM D 566	infusible	°C
Welding load – 4 ball test	ASTM D 2596	< 160	kg
Copper corrosion	IP-112	neg	-
Volatiles (24 h. at 200°C.)	-	< 3	%
Dielectric strength	ASTM D 419	> 20	kV/mm
Thermal conductivity at 25 °C	-	0,21	W/Mk
Dielectric constant at 1 kHz	ASTM D 150	2,82	-
Dielectric dissipation factor at 1 kHz	ASTM D 150	1·10 ⁻⁴	-
Transverse resistance	ASTM D 257	> 1·10 ¹³	Ω·cm

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