



Grease Silcon

Inorganic soap thickened silicone grease

Description

Grease Silcon is a special silicone grease for high and low temperatures (from -50 °C to 200 °C). The grease possesses excellent water and steam resistant properties and strong resistance to oxidation. This product is non-toxic and can be used for lubrication of food machinery. Like all silicone based greases, Grease Silcon 2 is not recommended for bearing lubrication.

Applications

Paste Silicon is typically used for electrical insulation, protection of insulators and electrical equipment (housing, connectors, ignition-circuits) against vapour (water-repellent effect) and as conductive dust (engulfing) repellent agent. Also suitable

as anti-adherence and mould release agent of plastics, rubbers and foundry. Anti-seizing in threaded parts, slides and guide-bars and lubrication and sealing of taps in the food industry.

Benefits

- Good lubricating capacity
- Superior resistance to both cold and hot water and chemical agents
- Wide range of service temperatures
- Excellent compatibility with rubbers and elastomers (except silicone rubbers)

Typical performance data

	2	3
Colour	Translucent white	
Base oil	Methyl polysiloxane	
Thickener	Inorganic	
Base oil viscosity @ 25 °C, cSt	5000	
Base oil viscosity @ 40 °C, cSt	700	
Penetration, mm/10	235-265	205-220
Density @ 25 °C, g/cm ³	1	1
Dropping point, °C	300	300
NLGI class	2/3	3/4
Electrical strength, KV/mm	12	12
Water resistance, 3 hrs/90 °C	0	0
Copper strip corrosion, 24 hrs/100 °C	1b	1b
Evaporation weight loss, 22h/100 °C, %	0,50	0,50
Service temperature, °C	-50 – 180	-50 – 180

All performance data on this Technical Data Sheet are indicative only and can vary during production

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