



Innovation and Experience at Work

UltraSil 1113

UltraSil 1113 is silicone grease prepared from special lithium thickening agent and fortified with polytetrafluoroethylene thickening agent for improved lubricity. This grease is recommended for metal on plastic and plastic on plastic applications. UltraSil 1113 is thermally stable and has superior low temperature properties with excellent thermo-oxidative stability. Like other silicone lubricants, it is compatible with most plastics and elastomers.

BASE OIL CHARACTERISTICS		TYPICAL VALUE *
Type		Silicone
Temperature Service Range (°C)		-50 to 150
GREASE CHARACTERISTICS		TYPICAL VALUE *
Thickener		Lithium
Color		White
Appearance		Smooth
NLGI Grade		0
Penetration (ASTM D217 / DIN 51804-T1)	Unworked	355-385
	Worked	60X 355-385
Dropping Point (°C) (ASTM D2265 / DIN ISO 2176)		210 min.
Oil Separation (ASTM D6184)	24h at 100°C	5% max.
Evaporation (CTM-1)	24h at 100°C	0.5% max.
Water Washout (ASTM D1264 / DIN 51807-T2)	60 min at 38°C	0%
Copper Corrosion (ASTM D130 / DIN 51811)	24h at 100°C	1b max.
Apparent Viscosity (Brookfield Viscometer T-C spindle, 1 rpm)	-40°C	590,000 cP
Specific Gravity (CTM-2)	25°C	1.1
Oxidation Stability (ASTM D942 / DIN 51808)	168h at 100°C	34 kPa

Engineered Custom Lubricants

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