



Innovation and Experience at Work

## UltraSil 1157

UltraSil 1157 is a 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 1157 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 *
Туре			Silicone
Temperature Service Range (°C)			-50 to 150
GREASE CHARACTERISTICS			TYPICAL VALUE *
Thickener			Lithium
Color			White
Appearance			Smooth
Penetration (ASTM D217 / DIN 51804-T1)	Unworked		390-420
	Worked	60X	390-420
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		1% max.
Copper Corrosion (ASTM D130 / DIN 51811)	24h at 100°C		1b
Four Ball Wear (ASTM D2266 / DIN 51350-T5)	60 min 1200 RPM 7	60 min 1200 RPM 75°C 40kgf	
	Dynamic Coefficient of Friction (steel on steel)		0.048
Oxidation Stability (ASTM D942 / DIN 51808)	168h at 100°C		1.7 kPa

\*The values stated in this Product Data Sheet are Typical Values and *must not* be used as QC Specifications for this product. Please contact the Global Technical Services department for QC specifications for this product.

## **Engineered Custom Lubricants**

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