

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 * |
|--|--|-----------------|
| Type | | 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 75°C 40kgf | 1.82mm |
| | 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.