

TECHNICAL DATA SHEET

FOOD GRADE SILICONE OIL 1000

100 % Polydimethylsiloxane Fluid · 1000 cSt at 25 °C · For food processing

VISCOSITY AT 25 °C	DENSITY AT 25 °C	POUR POINT	FLASH POINT
1000 cSt	0.97 g/cm ³	-50 °C	315 °C

PRODUCT DESCRIPTION

JETTA Food Grade Silicone Oil 1000 is a clear, water-white, 100 % polydimethylsiloxane (PDMS) fluid with a viscosity of 1000 cSt. It is designed for use in food processing, or in other applications where a food-grade product is desired.

Pure silicone fluid 1000 cSt is thermally stable, showing excellent stability when exposed to extreme low and high temperatures for long periods of time.

APPLICATIONS

- Heat-transfer media · hydraulic fluids · dielectric fluids
- Water repellents · polishes · lubricants
- Antifoams · mould-release agents

KEY PERFORMANCE PROPERTIES

- High- and low-temperature stability
- Low pour point
- Low temperature and pressure dependence of viscosity
- Good dielectric characteristics
- Low interfacial energy
- High surface activity
- High compressibility
- Chemical inertness

TYPICAL PRODUCT DATA

PROPERTY	UNIT	TYPICAL VALUE
Viscosity at 25 °C	cSt	1000
Density at 25 °C	g/cm ³	0.97
Colour and appearance	–	Colourless transparent liquid
Pour point	°C	-50
Flash point	°C	315
Refractive index at 25 °C	–	1.402

Typical product data values should not be used as specifications.