SPECIFICATION

Polydimethylsiloxane

Parameters	Specification
Appearance	Colorless, transparent liquid
Molecular Weight	74.15 g/mol
Boiling Point	210 °C
Melting Point	-125 °C
Flash Point	200 °C
Purity	98–99%
Refractive Index	1.404
Solubility	Insoluble in water; soluble in nonpolar organic solvents (benzene, toluene, chloroform)
Uses	Silicone oil applications including lubricants, anti-foaming agents, cosmetics, sealants, elastomers, and coatings