

SPECIFICATION

Simethicone

Parameters	Specification
CAS Number	8050-81-5
Appearance	Colorless to pale yellow viscous liquid
Molecular Formula	C ₆ H ₁₈ O ₄ Si ₃
Molecular Weight	1500 g/mol
Boiling Point	200 °C
Melting Point	-40 °C
Flash Point	250 °C
Purity	95–99%
Refractive Index	1.40
Solubility	Practically insoluble in water; soluble in most organic solvents
Uses	Antifoaming agent in oral pharmaceutical formulations; used in cosmetics to reduce foaming; improves texture by dispersing gas bubbles