

SPECIFICATION

Diethyl Ether

Parameters	Specification
CAS Number	60-29-7
Appearance	Colorless liquid
Molecular Formula	C4H10O
Molecular Weight	74.12 g/mol
Boiling Point	34.6 °C
Melting Point	-116.0 °C
Flash Point	-45.0 °C
Purity	99–99.5%
Refractive Index	1.352
Solubility	Slightly soluble in water; miscible with organic solvents
Uses	Solvent for organic synthesis and extraction; widely used in laboratories; historically used as an anesthetic