

SPECIFICATION

Methyl P-Toluenesulfonate

Parameters	Specification
CAS Number	80-48-8
Appearance	Colorless liquid
Molecular Formula	C ₈ H ₁₀ O ₃ S
Molecular Weight	186.23 g/mol
Boiling Point	125 °C
Melting Point	-25 °C
Flash Point	60 °C
Purity	98–99%
Refractive Index	1.52
Solubility	Insoluble in water, soluble in most organic solvents (e.g., dichloromethane, acetone, diethyl ether)
Uses	Methylating agent in organic synthesis, alkylation reagent