

SPECIFICATION

Dioxolane

Parameters	Specification
CAS Number	646-06-0
Appearance	Colorless liquid
Molecular Formula	C3H6O2
Molecular Weight	74.08 g/mol
Boiling Point	74 °C
Melting Point	-80 °C
Flash Point	-20 °C
Purity	98–99%
Refractive Index	1.423
Solubility	Miscible with water; soluble in organic solvents
Uses	Solvent for organic synthesis; intermediate in polymer chemistry; precursor to acetal derivatives such as poly(dioxolane)