

SPECIFICATION

Dilauroyl Peroxide

Parameters	Specification
CAS Number	105-74-8
Appearance	White crystalline solid
Molecular Formula	C ₂₄ H ₄₆ O ₄
Molecular Weight	398.63 g/mol
Boiling Point	360 °C
Melting Point	50 °C
Flash Point	70 °C
Purity	98–99%
Refractive Index	1.471
Solubility	Soluble in nonpolar organic solvents (e.g., benzene, chloroform, ether), insoluble in water
Uses	Radical initiator for polymerization and cross-linking reactions