SPECIFICATION

Tert-Butyl Peroxy-3,5,5-Trimethylhexanoate

Parameters	Specification
CAS Number	13122-18-4
Appearance	Colorless liquid
Molecular Formula	C13H26O3
Molecular Weight	242.34 g/mol
Boiling Point	110 °C
Melting Point	-45 °C
Flash Point	-5 °C
Purity	98–99%
Refractive Index	1.462
Solubility	Insoluble in water, soluble in organic solvents (e.g., acetone, ethyl acetate)
Uses	Radical initiator for vinyl polymerization, polymerization initiator