

SPECIFICATION

Diisononyl Phthalate

Parameters	Specification
CAS Number	28553-12-0
Appearance	Clear, colorless to pale yellow liquid
Molecular Formula	C ₂₆ H ₄₂ O ₄
Molecular Weight	418.6 g/mol
Boiling Point	385 °C
Flash Point	230 °C
Purity	98–99%
Refractive Index	1.505
Solubility	Insoluble in water; soluble in organic solvents such as toluene, xylene, acetone
Uses	Used as a plasticizer for PVC, polyolefins, and other polymers; enhances flexibility and durability