

SPECIFICATION

Polysorbate 80

Parameters	Specification
CAS Number	9005-65-6
Appearance	Pale yellow to amber viscous liquid
Molecular Formula	C ₆₄ H ₁₂₄ O ₂₆
Molecular Weight	1310 g/mol
Boiling Point	350 °C
Melting Point	-15 °C
Flash Point	180 °C
Purity	98–99%
Refractive Index	1.462
Solubility	Soluble in water; miscible with ethanol; partially soluble in some organic solvents
Uses	Emulsifier and surfactant for food, cosmetic, and pharmaceutical formulations