

SPECIFICATION

Propylene Glycol

Parameters	Specification
CAS Number	57-55-6
Appearance	Colorless, viscous liquid
Molecular Formula	CH ₃ CHOHCH ₂ OH
Molecular Weight	76.10 g/mol
Boiling Point	188.2 °C
Melting Point	-59 °C
Flash Point	100 °C
Purity	99.0–99.5%
Refractive Index	1.431
Solubility	Fully miscible with water; miscible with ethanol and acetone
Uses	Solvent and humectant in cosmetics, foods, and pharmaceuticals; antifreeze and heat-transfer fluid; plasticizer in polymers