

PRODUCT IDENTITY

PRODUCT NAME	Propylene carbonate(PC)	PRODUCT NUMBER	P105725
Grades & Purity	HPLC grade, ≥99.7%	VERSION	3
CAS NUMBER	108-32-7	FORMULA	C ₄ H ₆ O ₃
FORMULA WEIGHT	102.09g/mol		

ACCEPTANCE CRITERIA

PARAMETER	SPECIFICATION / LIMIT
Refractive index n ₂₀ /D	1.419-1.423
Purity(GC)	99.7-100 (%)
UV Absorbance 235nm	0-1
UV Absorbance 300nm	0-0.3
UV Absorbance 350nm	0-0.05
UV Absorbance 400nm	0-0.01
Evaporation Residue	0-0.0005 (%)
UV Absorbance 280nm	0-0.5
Water by Karl Fischer	0-0.02 (%)
UV Absorbance 375nm	0-0.01
Appearance (P105725)	Colorless Liquid

PARAMETER	SPECIFICATION / LIMIT
Infrared spectrum	Conforms to Structure
λ , H ₂ O reference	Pass