

Propylene Carbonate (PC)

CAS NO. : 108-32-7

Molecular Formula: C₄H₆O₃

Molecular Weight: 102.09

Constitutional Formula: CH₂=CH-C(=O)-O-C(=O)-OH



Packing: net 250kgs in iron drum, or net 1200kgs in IBC

Transport: No restrictions

Storage: Keep in cool and dry place.

Applications : Used as thermoplastic molding material and adhesives in foundry sand or wood instead of phenolic resin, carbon dioxide absorbent in petrochemical and fertilizer industry, high-permittivity component of electrolytes in lithium batteries, also widely used in paint, cosmetic, and pharmaceutical.

Product Specification:

| Property | Unit | Specification |
|-------------------------|-------|----------------------|
| Appearance | | Colorless liquid |
| Odor | | Essentially odorless |
| Purity | % | ≥99 |
| Color | Hazen | ≤30 |
| Moisture | % | ≤0.1 |
| Water Solubility (20°C) | | 240 g/L |
| Density (20°C) | | 1.2-1.21 |
| Refraction Index (20°C) | | 1.429-1.432 |