

Technical Data Sheet

Basic information

Chemical name	Propylene carbonate	Formula	C ₄ H ₆ O ₃
Synonyms	1,2-Propanediol carbonate		
CAS.No.	108-32-7		
EINECS No.	203-572-1		
Molecular weight	102.09		

Physical properties

Appearance	Colorless liquid
Density, 20°C, g/cm ³	1.204
Boiling point, °C	240
Melting point, °C	-49
Flash point, °C	270
Refractive index	1.421
Solubility	Soluble in water, lightly soluble in ethanol & other organic solvents.

Specification

Items	Specification
Assay,%	≥99.5
Mositure,%	≤0.20
Color, Alpha	≤10.0
Bromide, Br %	≤1.0

Application

1. Reactive diluents for urethane and epoxy resins
2. Cleaner and degreasers
3. Chemical intermediates
4. Cosmetics additives
5. Electronic industry(media) as filler
6. Paint stripper
7. Foundry sand binder, wood binding resins
8. Coal mining ,excavation and tunneling
9. Removal of CO₂ from Urea manufacturing, oil gas, natural gas etc
10. Setting agent in chemical grouting to get easily controlled gel time

Package

- 250kg/drum, 20mt per 20'ft;

- 1.2mt IBC drum, 21.6mt per 20'ft;
- 23-24mt flexitank per 20'ft;

Safety on transportation

It belongs to common goods, always refer to MSDS.

Storage and handling

Keep tightly closed, store in a cool dry place.

Please refer to the Materials Safety Data Sheet (MSDS) for the handling methods.

The information above is believed to be accurate and represents the best information currently available to us. However, In no event shall we be liable for any claims, losses, or damages of any third party resulting from its use.

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