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Product Specification Propylene Carbonate CAS No. : 108-32-7



Chemical name : Propylene Carbonate

Appearance : colourless to yellow liquid

assay : min. 99,5% (GC)

colour : max. 20 Hazen

Moisture : max. 0,1 % (DIN 51777-1)

Density : 1,195-1,208

Packing : Drums, IBC

Einecs : 203-572-1
CAS No. : 108-32-7
WGK : 1 (schwach wassergefährdend)
Synonym : C4H6O3, Propylencarbonat

General informations : Water solubility 240 g/l (RT)
pH value 7 (200 g/l RT)
Boiling point 242 °C
Melting point -54 °C
Flash point 135 °C

We fill propylene carbonate for our customers in customized containers. These containers range from 100ml bottles to canisters 5-25ltr up to 1000ltr IBC.

In order to guarantee a short term and safe supply of propylene carbonate, we have agreed on minimum quantities with our customers, which we then keep in stock.

We are happy to do this for you as well.

Application :

Electrolytes in batteries: Propylene carbonate is commonly used as an electrolyte in lithium-ion batteries and lithium-polymer batteries. It helps transport ions and improve battery performance and life.

Solvent: It can be used as a solvent for various chemical compounds and polymer materials in the chemical industry. In particular, it is used in the paint and coatings industry to produce solvents for paints and coatings.

Electronics industry: propylene carbonate can be used in the electronics industry to produce electrolytes and for cleaning electronic components.

Chemical synthesis: It is used in the chemical industry as a reagent in various chemical synthesis processes.

Chemical Vapor Deposition: Propylene carbonate is used in the semiconductor industry in chemical vapor deposition (CVD) to deposit thin films on silicon wafers.

Label :

GHS07

Product categories :

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This data is only for your information purposes and does not imply a guarantee for a certain application.

