

Propylene Carbonate (PC) (CAS 108-32-7) Market Research Report 2025

<https://marketpublishers.com/r/P1656B9E0C2EN.html>

Date: July 2025

Pages: 70

Price: US\$ 2,200.00 (Single User License)

ID: P1656B9E0C2EN

Abstracts

Propylene Carbonate (PC) (CAS 108-32-7) Market Research Report 2025 presents comprehensive data on Propylene Carbonate (PC) markets globally and regionally (Europe, Asia, North America etc.)

The report includes Propylene Carbonate (PC) description, covers its application areas and related patterns. It overviews Propylene Carbonate (PC) market, names Propylene Carbonate (PC) producers and indicates its suppliers.

Besides, the report provides Propylene Carbonate (PC) prices in regional markets.

In addition to the above the report determines Propylene Carbonate (PC) consumers in the market.

BAC Reports offers its clients in-depth market research of chemical industry products on the global and regional markets (North & Latin America, Asia Pacific, European Union, Russia and CIS).

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market forecast.

Propylene Carbonate (PC) (CAS 108-32-7) Market Research Report 2025 can feature:

market condition and estimations, market forecast

chemical product ranges, trademarks, analogous products, application areas

regional and global producers, consumers and traders (including contact details).

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*Please note that Propylene Carbonate (PC) (CAS 108-32-7) Market Research Report 2025 is a half ready publication and contents are subject to change. It only requires updating with the help of new data that are constantly retrieved from Publisher's databases and other sources. This updating process takes 5-7 business days after order is placed. Thus, our clients always obtain a revised and updated version of each report. Please also note that we do not charge for such an updating procedure. BAC Reports has information for more than 25,000 different chemicals available but it is impossible to have all reports updated immediately. That is why it takes 5-7 days to update a report after an order is received.

About

Product Name: Propylene Carbonate (PC)

Synonyms:

Propylene carbonate

1,3-Dioxolan-2-one, 4-methyl

4-Methyl-1,3-dioxolan-2-one

Cyclic 1,2-propylene carbonate

Texacar PC

Propylene carbonate

Cyclic propylene carbonate

1,2-Propanediol carbonate

1,2-Propylene carbonate

4-Methyl-1,3-dioxolane-2-one

Carbonic acid propylene ester

Propyleneglycol cyclic carbonate

CAS#: 108-32-7

Formula: $C_4H_6O_3$

Molecular Weight: 102.09

Appearance: Colorless, odorless liquid.

Usage: In co2 recovery.

Propylene carbonate (PC) is a colorless and odorless liquid organic compound with the chemical formula $C_4H_6O_3$. It is soluble in alcohol, water, ether and acetone.

Furthermore, it can be mixed with chloroform, benzene, acetone and ethyl acetate. PC melts at nearly $-49\text{ }^{\circ}\text{C}$ and boils $242\text{ }^{\circ}\text{C}$.

Propylene carbonate is extensively used in a wide range of syntheses and applications as a polar or aprotic solvent. The product can also be used in some chemical processes, for instance, hydroxyalkylation, carbamate formation, transesterification, etc. Both alone and combined with other solvents, PC is effectively used as a cleaner for a hard surface, fiberglass, resin, polyurethane and polyester.

Also, propylene carbonate is approved as an indirect food additive and, moreover, is safe as an ingredient for cosmetics. Owing to such properties as high polarity and high donor capability, PC is widely used in the production of lithium batteries. Given the nontoxic characteristics propylene carbonate is used in the manufacture of paint strippers as well as nail polish removers. It is also used as a plasticizer.

The companies active on the propylene carbonate market include but are not limited to BASF SE, Sigma Aldrich Chemie GmbH, Connect Chemicals GmbH, Laiwu Hehui Chemical Co., Depew Fine Chemical Co., Mengen Chemicals, Shandong Depp Chemical Technology Co., Shinghwa Chemical Corp., LyondellBasell, Mytech Specialty Chemicals, Spectrum Chemical Mfg. Corp., and Sigma-Aldrich Corp.

The propylene carbonate market is covered in the study Propylene Carbonate (PC) (CAS 108-32-7) Market Research Report 2025. The report encompasses proper description of the product, unveils application areas, and briefly summarizes patents in the sphere. It overlooks propylene carbonate market situation, names manufacturers, suppliers as well as users. The report also provides current propylene carbonate prices.

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