

# Global Polypropylene Carbonate (PPC) Market 2024 by Manufacturers, Regions, Type and Application, Forecast to 2030

<https://marketpublishers.com/r/G1D4B28FF09EN.html>

Date: January 2024

Pages: 93

Price: US\$ 3,480.00 (Single User License)

ID: G1D4B28FF09EN

## Abstracts

According to our (Global Info Research) latest study, the global Polypropylene Carbonate (PPC) market size was valued at USD 240.3 million in 2023 and is forecast to a readjusted size of USD 368.9 million by 2030 with a CAGR of 6.3% during review period.

Polypropylene carbonate (PPC), a copolymer of carbon dioxide and propylene oxide, is a thermoplastic material. Catalysts like zinc glutarate are used in polymerization.

Polypropylene carbonate is soluble in polar solvents like lower ketones, ethyl acetate, dichloromethane and chlorinated hydrocarbons and insoluble in solvents like alcohols, water, and aliphatic hydrocarbons. It also forms stable emulsions in water. PPC allows the diffusion of gases like oxygen through it. Having a glass temperature (T<sub>g</sub>) between 25 to 45 °C, PPC binders are amorphous. The glass temperature of PPC is slightly greater than polyethylene carbonate (PEC).

Global Polypropylene Carbonate (PPC) key players include Tianguan, Jiangsu Zhongke Jinlong-CAS Chemical, SK Energy, Empower Materials, BASF, etc. Global top five manufacturers hold a share about 70%. Asia-Pacific is the largest market, with a share over 40%, followed by North America and Europe, both have a share over 20 percent. In terms of product, Injection Molding Grade is the largest segment, with a share about 80%. And in terms of application, the largest application is Biodegradable Plastics, followed by Electronics.

The Global Info Research report includes an overview of the development of the Polypropylene Carbonate (PPC) industry chain, the market status of Biodegradable

Plastics (Injection Molding Grade, Food Contact Grade), Electronics Industry (Injection Molding Grade, Food Contact Grade), and key enterprises in developed and developing market, and analysed the cutting-edge technology, patent, hot applications and market trends of Polypropylene Carbonate (PPC).

Regionally, the report analyzes the Polypropylene Carbonate (PPC) markets in key regions. North America and Europe are experiencing steady growth, driven by government initiatives and increasing consumer awareness. Asia-Pacific, particularly China, leads the global Polypropylene Carbonate (PPC) market, with robust domestic demand, supportive policies, and a strong manufacturing base.

#### Key Features:

The report presents comprehensive understanding of the Polypropylene Carbonate (PPC) market. It provides a holistic view of the industry, as well as detailed insights into individual components and stakeholders. The report analysis market dynamics, trends, challenges, and opportunities within the Polypropylene Carbonate (PPC) industry.

The report involves analyzing the market at a macro level:

**Market Sizing and Segmentation:** Report collect data on the overall market size, including the sales quantity (MT), revenue generated, and market share of different by Type (e.g., Injection Molding Grade, Food Contact Grade).

**Industry Analysis:** Report analyse the broader industry trends, such as government policies and regulations, technological advancements, consumer preferences, and market dynamics. This analysis helps in understanding the key drivers and challenges influencing the Polypropylene Carbonate (PPC) market.

**Regional Analysis:** The report involves examining the Polypropylene Carbonate (PPC) market at a regional or national level. Report analyses regional factors such as government incentives, infrastructure development, economic conditions, and consumer behaviour to identify variations and opportunities within different markets.

**Market Projections:** Report covers the gathered data and analysis to make future projections and forecasts for the Polypropylene Carbonate (PPC) market. This may include estimating market growth rates, predicting market demand, and identifying emerging trends.

The report also involves a more granular approach to Polypropylene Carbonate (PPC):

**Company Analysis:** Report covers individual Polypropylene Carbonate (PPC) manufacturers, suppliers, and other relevant industry players. This analysis includes studying their financial performance, market positioning, product portfolios, partnerships, and strategies.

**Consumer Analysis:** Report covers data on consumer behaviour, preferences, and attitudes towards Polypropylene Carbonate (PPC). This may involve surveys, interviews, and analysis of consumer reviews and feedback from different by Application (Biodegradable Plastics, Electronics Industry).

**Technology Analysis:** Report covers specific technologies relevant to Polypropylene Carbonate (PPC). It assesses the current state, advancements, and potential future developments in Polypropylene Carbonate (PPC) areas.

**Competitive Landscape:** By analyzing individual companies, suppliers, and consumers, the report presents insights into the competitive landscape of the Polypropylene Carbonate (PPC) market. This analysis helps understand market share, competitive advantages, and potential areas for differentiation among industry players.

**Market Validation:** The report involves validating findings and projections through primary research, such as surveys, interviews, and focus groups.

## Market Segmentation

Polypropylene Carbonate (PPC) market is split by Type and by Application. For the period 2019-2030, the growth among segments provides accurate calculations and forecasts for consumption value by Type, and by Application in terms of volume and value.

### Market segment by Type

Injection Molding Grade

Food Contact Grade

### Market segment by Application

Biodegradable Plastics

Electronics Industry

Major players covered

Empower Materials

SK Energy

Novomer

BASF

Cardia Bioplastics

Tianguan

Jiangsu Zhongke Jinlong-CAS Chemical

Inner Mongolia Mengxi High-Tech

Market segment by region, regional analysis covers

North America (United States, Canada and Mexico)

Europe (Germany, France, United Kingdom, Russia, Italy, and Rest of Europe)

Asia-Pacific (China, Japan, Korea, India, Southeast Asia, and Australia)

South America (Brazil, Argentina, Colombia, and Rest of South America)

Middle East & Africa (Saudi Arabia, UAE, Egypt, South Africa, and Rest of Middle East & Africa)

The content of the study subjects, includes a total of 15 chapters:

*Global Polypropylene Carbonate (PPC) Market 2024 by Manufacturers, Regions, Type and Application, Forecast to...*

Chapter 1, to describe Polypropylene Carbonate (PPC) product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of Polypropylene Carbonate (PPC), with price, sales, revenue and global market share of Polypropylene Carbonate (PPC) from 2019 to 2024.

Chapter 3, the Polypropylene Carbonate (PPC) competitive situation, sales quantity, revenue and global market share of top manufacturers are analyzed emphatically by landscape contrast.

Chapter 4, the Polypropylene Carbonate (PPC) breakdown data are shown at the regional level, to show the sales quantity, consumption value and growth by regions, from 2019 to 2030.

Chapter 5 and 6, to segment the sales by Type and application, with sales market share and growth rate by type, application, from 2019 to 2030.

Chapter 7, 8, 9, 10 and 11, to break the sales data at the country level, with sales quantity, consumption value and market share for key countries in the world, from 2017 to 2023. and Polypropylene Carbonate (PPC) market forecast, by regions, type and application, with sales and revenue, from 2025 to 2030.

Chapter 12, market dynamics, drivers, restraints, trends and Porters Five Forces analysis.

Chapter 13, the key raw materials and key suppliers, and industry chain of Polypropylene Carbonate (PPC).

Chapter 14 and 15, to describe Polypropylene Carbonate (PPC) sales channel, distributors, customers, research findings and conclusion.

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