

# Global Carbon Thermoplastic Composite Market 2024 by Manufacturers, Regions, Type and Application, Forecast to 2030

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#### **Abstracts**

According to our (Global Info Research) latest study, the global Carbon Thermoplastic Composite market size was valued at USD 1188.4 million in 2023 and is forecast to a readjusted size of USD 2145.4 million by 2030 with a CAGR of 8.8% during review period.

Global Carbon Thermoplastic Composite main manufactuers include Toray Industries, Teijin Limited and Mitsubishi Chemical Corporation, totally accounting for 70% of the market. Japan is the largest market, with a share over 73%. As for the types of products, it can be divided into Polyacrylonitrile and Asphalt. The most common type is Polyacrylonitrile, with a share about 90%. In terms of application, it is widely used in Car, Electrical and Electronic, Aerospace and Defense, Building, Sports Leisure and Electricity. The most common application is Aerospace and Defense, with a share over 23%.

The Global Info Research report includes an overview of the development of the Carbon Thermoplastic Composite industry chain, the market status of Automotive (Polyacrylonitrile, Asphalt), Appliances and Electronics (Polyacrylonitrile, Asphalt), and key enterprises in developed and developing market, and analysed the cutting-edge technology, patent, hot applications and market trends of Carbon Thermoplastic Composite.

Regionally, the report analyzes the Carbon Thermoplastic Composite 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 Carbon Thermoplastic Composite market, with robust domestic



demand, supportive policies, and a strong manufacturing base.

#### Key Features:

The report presents comprehensive understanding of the Carbon Thermoplastic Composite 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 Carbon Thermoplastic Composite 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 (Ton), revenue generated, and market share of different by Type (e.g., Polyacrylonitrile, Asphalt).

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 Carbon Thermoplastic Composite market.

Regional Analysis: The report involves examining the Carbon Thermoplastic Composite 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 Carbon Thermoplastic Composite market. This may include estimating market growth rates, predicting market demand, and identifying emerging trends.

The report also involves a more granular approach to Carbon Thermoplastic Composite:

Company Analysis: Report covers individual Carbon Thermoplastic Composite 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 Carbon Thermoplastic Composite This may involve surveys, interviews, and analysis of consumer reviews and feedback from different by Application (Automotive, Appliances and Electronics).

Technology Analysis: Report covers specific technologies relevant to Carbon Thermoplastic Composite. It assesses the current state, advancements, and potential future developments in Carbon Thermoplastic Composite areas.

Competitive Landscape: By analyzing individual companies, suppliers, and consumers, the report present insights into the competitive landscape of the Carbon Thermoplastic Composite 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

Carbon Thermoplastic Composite 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

Polyacrylonitrile

Asphalt

Market segment by Application

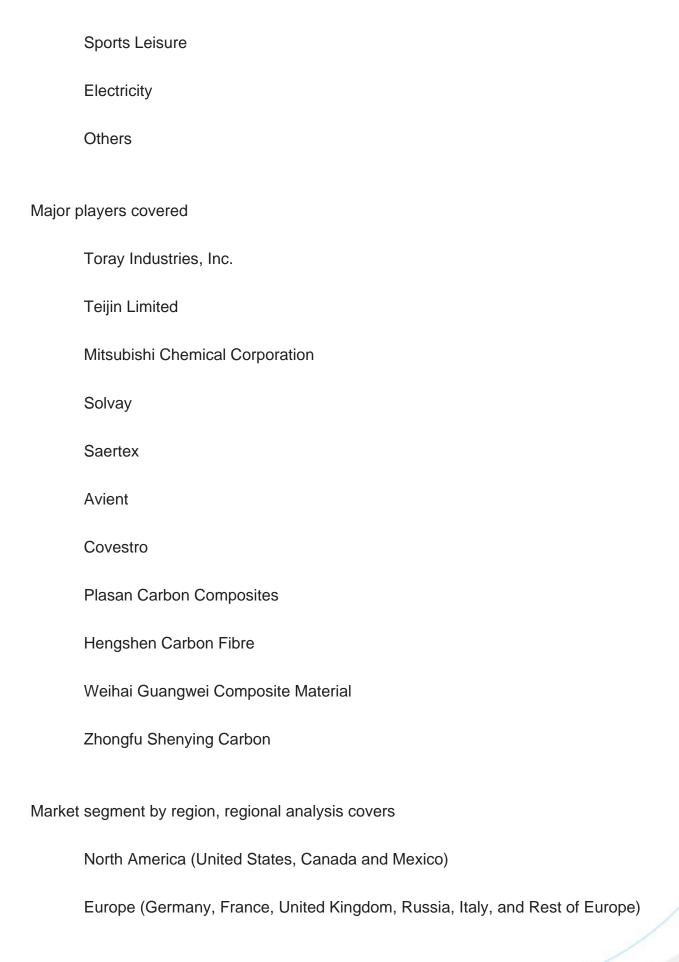
Automotive

Appliances and Electronics

Aerospace and Defense

Building







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:

Chapter 1, to describe Carbon Thermoplastic Composite product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of Carbon Thermoplastic Composite, with price, sales, revenue and global market share of Carbon Thermoplastic Composite from 2019 to 2024.

Chapter 3, the Carbon Thermoplastic Composite competitive situation, sales quantity, revenue and global market share of top manufacturers are analyzed emphatically by landscape contrast.

Chapter 4, the Carbon Thermoplastic Composite 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 Carbon Thermoplastic Composite 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 Carbon Thermoplastic Composite.



Chapter 14 and 15, to describe Carbon Thermoplastic Composite sales channel, distributors, customers, research findings and conclusion.



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