

# Global Automotive Carbon Fiber Materials 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 Automotive Carbon Fiber Materials market size was valued at USD 2021.3 million in 2023 and is forecast to a readjusted size of USD 2768 million by 2030 with a CAGR of 4.6% during review period.

This report mainly focuses on the automobile Carbon Fiber Reinforced Plastic.

CFRP (Carbon Fiber Reinforced Plastic) is the name given to a compound material combining carbon fiber and matrix resin. It is light and strong, and is therefore used in a range of applications, from the aerospace industry through to general industrial parts and sports equipment.

When applied in the automobile industry, due to its high cost, CFRP manufacturers usually develop their business through cooperate with OEM automakers.

Toray, Mitsubishi Rayon, Teijin, SGL and Hexcel are the top 5 players of Automotive Carbon Fiber Materials, with about 94% market shares.

The Global Info Research report includes an overview of the development of the Automotive Carbon Fiber Materials industry chain, the market status of Roof Panel (Thermosetting Type, Thermoplastics Type), Body Panel (Thermosetting Type, Thermoplastics Type), and key enterprises in developed and developing market, and analysed the cutting-edge technology, patent, hot applications and market trends of Automotive Carbon Fiber Materials.



Regionally, the report analyzes the Automotive Carbon Fiber Materials 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 Automotive Carbon Fiber Materials market, with robust domestic demand, supportive policies, and a strong manufacturing base.

# Key Features:

The report presents comprehensive understanding of the Automotive Carbon Fiber Materials 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 Automotive Carbon Fiber Materials 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 (K MT), revenue generated, and market share of different by Type (e.g., Thermosetting Type, Thermoplastics Type).

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 Automotive Carbon Fiber Materials market.

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

The report also involves a more granular approach to Automotive Carbon Fiber Materials:

Company Analysis: Report covers individual Automotive Carbon Fiber Materials



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 Automotive Carbon Fiber Materials This may involve surveys, interviews, and analysis of consumer reviews and feedback from different by Application (Roof Panel, Body Panel).

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

Competitive Landscape: By analyzing individual companies, suppliers, and consumers, the report present insights into the competitive landscape of the Automotive Carbon Fiber Materials 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** 

Automotive Carbon Fiber Materials 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

Thermosetting Type

Thermoplastics Type

Market segment by Application

Roof Panel



	Body Panel	
	Hood	
	Chassis	
	Other	
Major players covered		
	Toray	
	Mitsubishi Rayon	
	Teijin	
	SGL	
	Hexcel	
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:

Chapter 1, to describe Automotive Carbon Fiber Materials product scope, market



overview, market estimation caveats and base year.

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

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

Chapter 4, the Automotive Carbon Fiber Materials 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 Automotive Carbon Fiber Materials 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 Automotive Carbon Fiber Materials.

Chapter 14 and 15, to describe Automotive Carbon Fiber Materials sales channel, distributors, customers, research findings and conclusion.



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