

# Global Aviation Carbon Fiber 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 Aviation Carbon Fiber market size was valued at USD 3409.1 million in 2023 and is forecast to a readjusted size of USD 5103.6 million by 2030 with a CAGR of 5.9% during review period.

Carbon fibers have several advantages such as: high stiffness, high tensile strength, low weight, high chemical resistance, high temperature tolerance and low thermal expansion. It is the major material in aviation, By using carbon fiber, it can reduce the weight of the fuselage, improve performance.

The Global Info Research report includes an overview of the development of the Aviation Carbon Fiber industry chain, the market status of Commercial Aircrafts (Continuous Fiber, Chopped Fiber), Military Aircrafts (Continuous Fiber, Chopped Fiber), and key enterprises in developed and developing market, and analysed the cutting-edge technology, patent, hot applications and market trends of Aviation Carbon Fiber.

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

Key Features:

The report presents comprehensive understanding of the Aviation Carbon Fiber 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 Aviation Carbon Fiber 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., Continuous Fiber, Chopped Fiber).

**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 Aviation Carbon Fiber market.

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

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

**Company Analysis:** Report covers individual Aviation Carbon Fiber 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 Aviation Carbon Fiber This may involve surveys, interviews, and analysis of consumer reviews and feedback from different by Application (Commercial Aircrafts, Military Aircrafts).

**Technology Analysis:** Report covers specific technologies relevant to Aviation Carbon Fiber. It assesses the current state, advancements, and potential future developments

in Aviation Carbon Fiber areas.

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

Aviation Carbon Fiber 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

Continuous Fiber

Chopped Fiber

#### Market segment by Application

Commercial Aircrafts

Military Aircrafts

#### Major players covered

Toray Industries

Hexcel Corporation

Toho Tenax (Teijin)

SGL Carbon

DowDuPont

Cytec (Solvay)

BGF Industries

Taekwang Industrial

Weihai TuoZhan Fiber

Jiangsu Hengshen

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 Aviation Carbon Fiber product scope, market overview, market estimation caveats and base year.

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

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

Chapter 4, the Aviation Carbon Fiber 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 Aviation Carbon Fiber 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 Aviation Carbon Fiber.

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

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