

Global Aviation Grade Carbon Fiber Market 2025 by Manufacturers, Regions, Type and Application, Forecast to 2031

<https://marketpublishers.com/r/G1C7DA198077EN.html>

Date: August 2025

Pages: 140

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

ID: G1C7DA198077EN

Abstracts

According to our (Global Info Research) latest study, the global Aviation Grade Carbon Fiber market size was valued at US\$ 2845 million in 2024 and is forecast to a readjusted size of USD 4880 million by 2031 with a CAGR of 8.1% during review period.

This report is a detailed and comprehensive analysis for global Aviation Grade Carbon Fiber market. Both quantitative and qualitative analyses are presented by manufacturers, by region & country, by Type and by Application. As the market is constantly changing, this report explores the competition, supply and demand trends, as well as key factors that contribute to its changing demands across many markets. Company profiles and product examples of selected competitors, along with market share estimates of some of the selected leaders for the year 2025, are provided.

Key Features:

Global Aviation Grade Carbon Fiber market size and forecasts, in consumption value (\$ Million), sales quantity (Tons), and average selling prices (US\$/Ton), 2020-2031

Global Aviation Grade Carbon Fiber market size and forecasts by region and country, in consumption value (\$ Million), sales quantity (Tons), and average selling prices (US\$/Ton), 2020-2031

Global Aviation Grade Carbon Fiber market size and forecasts, by Type and by Application, in consumption value (\$ Million), sales quantity (Tons), and average selling prices (US\$/Ton), 2020-2031

Global Aviation Grade Carbon Fiber market shares of main players, shipments in revenue (\$ Million), sales quantity (Tons), and ASP (US\$/Ton), 2020-2025

The Primary Objectives in This Report Are:

To determine the size of the total market opportunity of global and key countries

To assess the growth potential for Aviation Grade Carbon Fiber

To forecast future growth in each product and end-use market

To assess competitive factors affecting the marketplace

This report profiles key players in the global Aviation Grade Carbon Fiber market based on the following parameters - company overview, sales quantity, revenue, price, gross margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include SGL Carbon, Hexcel, PCMI, Toray Composite Materials America, DowAksa Advanced Composites Holdings BV, Mitsubishi Chemical Holdings, Nippon Steel, Teijin Limited, Solvay, Hyosung, etc.

This report also provides key insights about market drivers, restraints, opportunities, new product launches or approvals.

Market Segmentation

Aviation Grade Carbon Fiber market is split by Type and by Application. For the period 2020-2031, the growth among segments provides accurate calculations and forecasts for consumption value by Type, and by Application in terms of volume and value. This analysis can help you expand your business by targeting qualified niche markets.

Market segment by Type

PAN Based Carbon Fiber

Pitch Based Carbon Fiber

Market segment by Application

Commercial Aircraft

Military Aircraft

Others

Major players covered

SGL Carbon

Hexcel

PCMI

Toray Composite Materials America

DowAksa Advanced Composites Holdings BV

Mitsubishi Chemical Holdings

Nippon Steel

Teijin Limited

Solvay

Hyosung

Toyo Tanso

Tokai Carbon

Nippon Carbon

MERSEN BENELUX

Schunk

Americarb

Carbon Composites

FMI

Luhang Carbon

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

Chapter 2, to profile the top manufacturers of Aviation Grade Carbon Fiber, with price, sales quantity, revenue, and global market share of Aviation Grade Carbon Fiber from 2020 to 2025.

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

Chapter 4, the Aviation Grade Carbon Fiber breakdown data are shown at the regional level, to show the sales quantity, consumption value, and growth by regions, from 2020 to 2031.

Chapter 5 and 6, to segment the sales by Type and by Application, with sales market share and growth rate by Type, by Application, from 2020 to 2031.

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 2020 to 2025. and Aviation Grade Carbon Fiber market forecast, by regions, by Type, and by Application, with sales and revenue, from 2026 to 2031.

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 Grade Carbon Fiber.

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

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