

Global Carbon-carbon Composites for Aerospace Market Research Report 2024, Forecast to 2032

<https://marketpublishers.com/r/GD18226E6618EN.html>

Date: October 2024

Pages: 161

Price: US\$ 3,200.00 (Single User License)

ID: GD18226E6618EN

Abstracts

Report Overview

Carbon-carbon composites are high-performance composite materials consisting of carbon fibers and a carbon matrix. They exhibit excellent mechanical strength and thermal stability at high temperatures, and have high heat resistance and thermal shock resistance, so they are widely used in the aerospace field. This material is often used to manufacture brake discs for aerospace vehicles, missile nose cones, rocket nozzles, and other structural parts that need to withstand extreme temperatures. Carbon/carbon composites are formed by weaving or laying carbon fibers together, and then carbonizing them at high temperatures to obtain high-strength, lightweight composites.

The global Carbon-carbon Composites for Aerospace market size was estimated at USD 1350 million in 2023 and is projected to reach USD 1872.16 million by 2032, exhibiting a CAGR of 3.70% during the forecast period.

North America Carbon-carbon Composites for Aerospace market size was estimated at USD 374.44 million in 2023, at a CAGR of 3.17% during the forecast period of 2024 through 2032.

This report provides a deep insight into the global Carbon-carbon Composites for Aerospace market covering all its essential aspects. This ranges from a macro overview of the market to micro details of the market size, competitive landscape, development trend, niche market, key market drivers and challenges, SWOT analysis, value chain analysis, etc.

The analysis helps the reader to shape the competition within the industries and

strategies for the competitive environment to enhance the potential profit. Furthermore, it provides a simple framework for evaluating and accessing the position of the business organization. The report structure also focuses on the competitive landscape of the Global Carbon-carbon Composites for Aerospace Market, this report introduces in detail the market share, market performance, product situation, operation situation, etc. of the main players, which helps the readers in the industry to identify the main competitors and deeply understand the competition pattern of the market.

In a word, this report is a must-read for industry players, investors, researchers, consultants, business strategists, and all those who have any kind of stake or are planning to foray into the Carbon-carbon Composites for Aerospace market in any manner.

Global Carbon-carbon Composites for Aerospace Market: Market Segmentation Analysis

The research report includes specific segments by region (country), manufacturers, Type, and Application. Market segmentation creates subsets of a market based on product type, end-user or application, Geographic, and other factors. By understanding the market segments, the decision-maker can leverage this targeting in the product, sales, and marketing strategies. Market segments can power your product development cycles by informing how you create product offerings for different segments.

Key Company

SGL Carbon

Toyo Tanso

Tokai Carbon

Hexcel

Nippon Carbon

MERSEN BENELUX

Schunk

Americarb

Carbon Composites

FMI

Luhang Carbon

Graphtek

KBC

Boyun

Chaoma

Jiuhua Carbon

Chemshine

Bay Composites

Haoshi Carbon

Jining Carbon

Market Segmentation (by Type)

Chemical Vapor Deposition Method

Liquid Impregnation Method

Market Segmentation (by Application)

Single Crystal Silicon Pulling Furnace

Multicrystalline Silicon Ingot Furnace

Other

Geographic Segmentation

North America (USA, Canada, Mexico)

Europe (Germany, UK, France, Russia, Italy, Rest of Europe)

Asia-Pacific (China, Japan, South Korea, India, Southeast Asia, Rest of Asia-Pacific)

South America (Brazil, Argentina, Columbia, Rest of South America)

The Middle East and Africa (Saudi Arabia, UAE, Egypt, Nigeria, South Africa, Rest of MEA)

Key Benefits of This Market Research:

Industry drivers, restraints, and opportunities covered in the study

Neutral perspective on the market performance

Recent industry trends and developments

Competitive landscape & strategies of key players

Potential & niche segments and regions exhibiting promising growth covered

Historical, current, and projected market size, in terms of value

In-depth analysis of the Carbon-carbon Composites for Aerospace Market

Overview of the regional outlook of the Carbon-carbon Composites for Aerospace Market:

Key Reasons to Buy this Report:

Access to date statistics compiled by our researchers. These provide you with

historical and forecast data, which is analyzed to tell you why your market is set to change

This enables you to anticipate market changes to remain ahead of your competitors

You will be able to copy data from the Excel spreadsheet straight into your marketing plans, business presentations, or other strategic documents

The concise analysis, clear graph, and table format will enable you to pinpoint the information you require quickly

Provision of market value data for each segment and sub-segment

Indicates the region and segment that is expected to witness the fastest growth as well as to dominate the market

Analysis by geography highlighting the consumption of the product/service in the region as well as indicating the factors that are affecting the market within each region

Competitive landscape which incorporates the market ranking of the major players, along with new service/product launches, partnerships, business expansions, and acquisitions in the past five years of companies profiled

Extensive company profiles comprising of company overview, company insights, product benchmarking, and SWOT analysis for the major market players

The current as well as the future market outlook of the industry concerning recent developments which involve growth opportunities and drivers as well as challenges and restraints of both emerging as well as developed regions

Includes in-depth analysis of the market from various perspectives through Porter's five forces analysis

Provides insight into the market through Value Chain

Market dynamics scenario, along with growth opportunities of the market in the years to come

6-month post-sales analyst support

Customization of the Report

In case of any queries or customization requirements, please connect with our sales team, who will ensure that your requirements are met.

Chapter Outline

Chapter 1 mainly introduces the statistical scope of the report, market division standards, and market research methods.

Chapter 2 is an executive summary of different market segments (by region, product type, application, etc), including the market size of each market segment, future development potential, and so on. It offers a high-level view of the current state of the Carbon-carbon Composites for Aerospace Market and its likely evolution in the short to mid-term, and long term.

Chapter 3 makes a detailed analysis of the market's competitive landscape of the market and provides the market share, capacity, output, price, latest development plan, merger, and acquisition information of the main manufacturers in the market.

Chapter 4 is the analysis of the whole market industrial chain, including the upstream and downstream of the industry, as well as Porter's five forces analysis.

Chapter 5 introduces the latest developments of the market, the driving factors and restrictive factors of the market, the challenges and risks faced by manufacturers in the industry, and the analysis of relevant policies in the industry.

Chapter 6 provides the analysis of various market segments according to product types, covering the market size and development potential of each market segment, to help readers find the blue ocean market in different market segments.

Chapter 7 provides the analysis of various market segments according to application, covering the market size and development potential of each market segment, to help readers find the blue ocean market in different downstream markets.

Chapter 8 provides a quantitative analysis of the market size and development potential of each region from the consumer side and its main countries and introduces the market development, future development prospects, market space, and capacity of each country in the world.

Chapter 9 shares the main producing countries of Carbon-carbon Composites for Aerospace, their output value, profit level, regional supply, production capacity layout, etc. from the supply side.

Chapter 10 introduces the basic situation of the main companies in the market in detail, including product sales revenue, sales volume, price, gross profit margin, market share, product introduction, recent development, etc.

Chapter 11 provides a quantitative analysis of the market size and development potential of each region during the forecast period.

Chapter 12 provides a quantitative analysis of the market size and development potential of each market segment during the forecast period.

Chapter 13 is the main points and conclusions of the report.

Contents

1 RESEARCH METHODOLOGY AND STATISTICAL SCOPE

1.1 Market Definition and Statistical Scope of Carbon-carbon Composites for Aerospace

1.2 Key Market Segments

1.2.1 Carbon-carbon Composites for Aerospace Segment by Type

1.2.2 Carbon-carbon Composites for Aerospace Segment by Application

1.3 Methodology & Sources of Information

1.3.1 Research Methodology

1.3.2 Research Process

1.3.3 Market Breakdown and Data Triangulation

1.3.4 Base Year

1.3.5 Report Assumptions & Caveats

2 CARBON-CARBON COMPOSITES FOR AEROSPACE MARKET OVERVIEW

2.1 Global Market Overview

2.1.1 Global Carbon-carbon Composites for Aerospace Market Size (M USD)
Estimates and Forecasts (2019-2032)

2.1.2 Global Carbon-carbon Composites for Aerospace Sales Estimates and
Forecasts (2019-2032)

2.2 Market Segment Executive Summary

2.3 Global Market Size by Region

3 CARBON-CARBON COMPOSITES FOR AEROSPACE MARKET COMPETITIVE LANDSCAPE

3.1 Global Carbon-carbon Composites for Aerospace Sales by Manufacturers
(2019-2024)

3.2 Global Carbon-carbon Composites for Aerospace Revenue Market Share by
Manufacturers (2019-2024)

3.3 Carbon-carbon Composites for Aerospace Market Share by Company Type (Tier 1,
Tier 2, and Tier 3)

3.4 Global Carbon-carbon Composites for Aerospace Average Price by Manufacturers
(2019-2024)

3.5 Manufacturers Carbon-carbon Composites for Aerospace Sales Sites, Area Served,
Product Type

3.6 Carbon-carbon Composites for Aerospace Market Competitive Situation and Trends

- 3.6.1 Carbon-carbon Composites for Aerospace Market Concentration Rate
- 3.6.2 Global 5 and 10 Largest Carbon-carbon Composites for Aerospace Players Market Share by Revenue
- 3.6.3 Mergers & Acquisitions, Expansion

4 CARBON-CARBON COMPOSITES FOR AEROSPACE INDUSTRY CHAIN ANALYSIS

- 4.1 Carbon-carbon Composites for Aerospace Industry Chain Analysis
- 4.2 Market Overview of Key Raw Materials
- 4.3 Midstream Market Analysis
- 4.4 Downstream Customer Analysis

5 THE DEVELOPMENT AND DYNAMICS OF CARBON-CARBON COMPOSITES FOR AEROSPACE MARKET

- 5.1 Key Development Trends
- 5.2 Driving Factors
- 5.3 Market Challenges
- 5.4 Market Restraints
- 5.5 Industry News
 - 5.5.1 New Product Developments
 - 5.5.2 Mergers & Acquisitions
 - 5.5.3 Expansions
 - 5.5.4 Collaboration/Supply Contracts
- 5.6 Industry Policies

6 CARBON-CARBON COMPOSITES FOR AEROSPACE MARKET SEGMENTATION BY TYPE

- 6.1 Evaluation Matrix of Segment Market Development Potential (Type)
- 6.2 Global Carbon-carbon Composites for Aerospace Sales Market Share by Type (2019-2024)
- 6.3 Global Carbon-carbon Composites for Aerospace Market Size Market Share by Type (2019-2024)
- 6.4 Global Carbon-carbon Composites for Aerospace Price by Type (2019-2024)

7 CARBON-CARBON COMPOSITES FOR AEROSPACE MARKET SEGMENTATION BY APPLICATION

- 7.1 Evaluation Matrix of Segment Market Development Potential (Application)
- 7.2 Global Carbon-carbon Composites for Aerospace Market Sales by Application (2019-2024)
- 7.3 Global Carbon-carbon Composites for Aerospace Market Size (M USD) by Application (2019-2024)
- 7.4 Global Carbon-carbon Composites for Aerospace Sales Growth Rate by Application (2019-2024)

8 CARBON-CARBON COMPOSITES FOR AEROSPACE MARKET CONSUMPTION BY REGION

- 8.1 Global Carbon-carbon Composites for Aerospace Sales by Region
 - 8.1.1 Global Carbon-carbon Composites for Aerospace Sales by Region
 - 8.1.2 Global Carbon-carbon Composites for Aerospace Sales Market Share by Region
- 8.2 North America
 - 8.2.1 North America Carbon-carbon Composites for Aerospace Sales by Country
 - 8.2.2 U.S.
 - 8.2.3 Canada
 - 8.2.4 Mexico
- 8.3 Europe
 - 8.3.1 Europe Carbon-carbon Composites for Aerospace Sales by Country
 - 8.3.2 Germany
 - 8.3.3 France
 - 8.3.4 U.K.
 - 8.3.5 Italy
 - 8.3.6 Russia
- 8.4 Asia Pacific
 - 8.4.1 Asia Pacific Carbon-carbon Composites for Aerospace Sales by Region
 - 8.4.2 China
 - 8.4.3 Japan
 - 8.4.4 South Korea
 - 8.4.5 India
 - 8.4.6 Southeast Asia
- 8.5 South America
 - 8.5.1 South America Carbon-carbon Composites for Aerospace Sales by Country
 - 8.5.2 Brazil
 - 8.5.3 Argentina
 - 8.5.4 Columbia

8.6 Middle East and Africa

8.6.1 Middle East and Africa Carbon-carbon Composites for Aerospace Sales by Region

8.6.2 Saudi Arabia

8.6.3 UAE

8.6.4 Egypt

8.6.5 Nigeria

8.6.6 South Africa

9 CARBON-CARBON COMPOSITES FOR AEROSPACE MARKET PRODUCTION BY REGION

9.1 Global Production of Carbon-carbon Composites for Aerospace by Region (2019-2024)

9.2 Global Carbon-carbon Composites for Aerospace Revenue Market Share by Region (2019-2024)

9.3 Global Carbon-carbon Composites for Aerospace Production, Revenue, Price and Gross Margin (2019-2024)

9.4 North America Carbon-carbon Composites for Aerospace Production

9.4.1 North America Carbon-carbon Composites for Aerospace Production Growth Rate (2019-2024)

9.4.2 North America Carbon-carbon Composites for Aerospace Production, Revenue, Price and Gross Margin (2019-2024)

9.5 Europe Carbon-carbon Composites for Aerospace Production

9.5.1 Europe Carbon-carbon Composites for Aerospace Production Growth Rate (2019-2024)

9.5.2 Europe Carbon-carbon Composites for Aerospace Production, Revenue, Price and Gross Margin (2019-2024)

9.6 Japan Carbon-carbon Composites for Aerospace Production (2019-2024)

9.6.1 Japan Carbon-carbon Composites for Aerospace Production Growth Rate (2019-2024)

9.6.2 Japan Carbon-carbon Composites for Aerospace Production, Revenue, Price and Gross Margin (2019-2024)

9.7 China Carbon-carbon Composites for Aerospace Production (2019-2024)

9.7.1 China Carbon-carbon Composites for Aerospace Production Growth Rate (2019-2024)

9.7.2 China Carbon-carbon Composites for Aerospace Production, Revenue, Price and Gross Margin (2019-2024)

10 KEY COMPANIES PROFILE

10.1 SGL Carbon

10.1.1 SGL Carbon Carbon-carbon Composites for Aerospace Basic Information

10.1.2 SGL Carbon Carbon-carbon Composites for Aerospace Product Overview

10.1.3 SGL Carbon Carbon-carbon Composites for Aerospace Product Market

Performance

10.1.4 SGL Carbon Business Overview

10.1.5 SGL Carbon Carbon-carbon Composites for Aerospace SWOT Analysis

10.1.6 SGL Carbon Recent Developments

10.2 Toyo Tanso

10.2.1 Toyo Tanso Carbon-carbon Composites for Aerospace Basic Information

10.2.2 Toyo Tanso Carbon-carbon Composites for Aerospace Product Overview

10.2.3 Toyo Tanso Carbon-carbon Composites for Aerospace Product Market

Performance

10.2.4 Toyo Tanso Business Overview

10.2.5 Toyo Tanso Carbon-carbon Composites for Aerospace SWOT Analysis

10.2.6 Toyo Tanso Recent Developments

10.3 Tokai Carbon

10.3.1 Tokai Carbon Carbon-carbon Composites for Aerospace Basic Information

10.3.2 Tokai Carbon Carbon-carbon Composites for Aerospace Product Overview

10.3.3 Tokai Carbon Carbon-carbon Composites for Aerospace Product Market

Performance

10.3.4 Tokai Carbon Carbon-carbon Composites for Aerospace SWOT Analysis

10.3.5 Tokai Carbon Business Overview

10.3.6 Tokai Carbon Recent Developments

10.4 Hexcel

10.4.1 Hexcel Carbon-carbon Composites for Aerospace Basic Information

10.4.2 Hexcel Carbon-carbon Composites for Aerospace Product Overview

10.4.3 Hexcel Carbon-carbon Composites for Aerospace Product Market Performance

10.4.4 Hexcel Business Overview

10.4.5 Hexcel Recent Developments

10.5 Nippon Carbon

10.5.1 Nippon Carbon Carbon-carbon Composites for Aerospace Basic Information

10.5.2 Nippon Carbon Carbon-carbon Composites for Aerospace Product Overview

10.5.3 Nippon Carbon Carbon-carbon Composites for Aerospace Product Market

Performance

10.5.4 Nippon Carbon Business Overview

10.5.5 Nippon Carbon Recent Developments

10.6 MERSEN BENELUX

10.6.1 MERSEN BENELUX Carbon-carbon Composites for Aerospace Basic Information

10.6.2 MERSEN BENELUX Carbon-carbon Composites for Aerospace Product Overview

10.6.3 MERSEN BENELUX Carbon-carbon Composites for Aerospace Product Market Performance

10.6.4 MERSEN BENELUX Business Overview

10.6.5 MERSEN BENELUX Recent Developments

10.7 Schunk

10.7.1 Schunk Carbon-carbon Composites for Aerospace Basic Information

10.7.2 Schunk Carbon-carbon Composites for Aerospace Product Overview

10.7.3 Schunk Carbon-carbon Composites for Aerospace Product Market Performance

10.7.4 Schunk Business Overview

10.7.5 Schunk Recent Developments

10.8 Americarb

10.8.1 Americarb Carbon-carbon Composites for Aerospace Basic Information

10.8.2 Americarb Carbon-carbon Composites for Aerospace Product Overview

10.8.3 Americarb Carbon-carbon Composites for Aerospace Product Market Performance

10.8.4 Americarb Business Overview

10.8.5 Americarb Recent Developments

10.9 Carbon Composites

10.9.1 Carbon Composites Carbon-carbon Composites for Aerospace Basic Information

10.9.2 Carbon Composites Carbon-carbon Composites for Aerospace Product Overview

10.9.3 Carbon Composites Carbon-carbon Composites for Aerospace Product Market Performance

10.9.4 Carbon Composites Business Overview

10.9.5 Carbon Composites Recent Developments

10.10 FMI

10.10.1 FMI Carbon-carbon Composites for Aerospace Basic Information

10.10.2 FMI Carbon-carbon Composites for Aerospace Product Overview

10.10.3 FMI Carbon-carbon Composites for Aerospace Product Market Performance

10.10.4 FMI Business Overview

10.10.5 FMI Recent Developments

10.11 Luhang Carbon

- 10.11.1 Luhang Carbon Carbon-carbon Composites for Aerospace Basic Information
- 10.11.2 Luhang Carbon Carbon-carbon Composites for Aerospace Product Overview
- 10.11.3 Luhang Carbon Carbon-carbon Composites for Aerospace Product Market Performance
- 10.11.4 Luhang Carbon Business Overview
- 10.11.5 Luhang Carbon Recent Developments
- 10.12 Graphtek
 - 10.12.1 Graphtek Carbon-carbon Composites for Aerospace Basic Information
 - 10.12.2 Graphtek Carbon-carbon Composites for Aerospace Product Overview
 - 10.12.3 Graphtek Carbon-carbon Composites for Aerospace Product Market Performance
 - 10.12.4 Graphtek Business Overview
 - 10.12.5 Graphtek Recent Developments
- 10.13 KBC
 - 10.13.1 KBC Carbon-carbon Composites for Aerospace Basic Information
 - 10.13.2 KBC Carbon-carbon Composites for Aerospace Product Overview
 - 10.13.3 KBC Carbon-carbon Composites for Aerospace Product Market Performance
 - 10.13.4 KBC Business Overview
 - 10.13.5 KBC Recent Developments
- 10.14 Boyun
 - 10.14.1 Boyun Carbon-carbon Composites for Aerospace Basic Information
 - 10.14.2 Boyun Carbon-carbon Composites for Aerospace Product Overview
 - 10.14.3 Boyun Carbon-carbon Composites for Aerospace Product Market Performance
 - 10.14.4 Boyun Business Overview
 - 10.14.5 Boyun Recent Developments
- 10.15 Chaoma
 - 10.15.1 Chaoma Carbon-carbon Composites for Aerospace Basic Information
 - 10.15.2 Chaoma Carbon-carbon Composites for Aerospace Product Overview
 - 10.15.3 Chaoma Carbon-carbon Composites for Aerospace Product Market Performance
 - 10.15.4 Chaoma Business Overview
 - 10.15.5 Chaoma Recent Developments
- 10.16 Jiuhua Carbon
 - 10.16.1 Jiuhua Carbon Carbon-carbon Composites for Aerospace Basic Information
 - 10.16.2 Jiuhua Carbon Carbon-carbon Composites for Aerospace Product Overview
 - 10.16.3 Jiuhua Carbon Carbon-carbon Composites for Aerospace Product Market Performance
 - 10.16.4 Jiuhua Carbon Business Overview

10.16.5 Jiuhua Carbon Recent Developments

10.17 Chemshine

10.17.1 Chemshine Carbon-carbon Composites for Aerospace Basic Information

10.17.2 Chemshine Carbon-carbon Composites for Aerospace Product Overview

10.17.3 Chemshine Carbon-carbon Composites for Aerospace Product Market

Performance

10.17.4 Chemshine Business Overview

10.17.5 Chemshine Recent Developments

10.18 Bay Composites

10.18.1 Bay Composites Carbon-carbon Composites for Aerospace Basic Information

10.18.2 Bay Composites Carbon-carbon Composites for Aerospace Product Overview

10.18.3 Bay Composites Carbon-carbon Composites for Aerospace Product Market

Performance

10.18.4 Bay Composites Business Overview

10.18.5 Bay Composites Recent Developments

10.19 Haoshi Carbon

10.19.1 Haoshi Carbon Carbon-carbon Composites for Aerospace Basic Information

10.19.2 Haoshi Carbon Carbon-carbon Composites for Aerospace Product Overview

10.19.3 Haoshi Carbon Carbon-carbon Composites for Aerospace Product Market

Performance

10.19.4 Haoshi Carbon Business Overview

10.19.5 Haoshi Carbon Recent Developments

10.20 Jining Carbon

10.20.1 Jining Carbon Carbon-carbon Composites for Aerospace Basic Information

10.20.2 Jining Carbon Carbon-carbon Composites for Aerospace Product Overview

10.20.3 Jining Carbon Carbon-carbon Composites for Aerospace Product Market

Performance

10.20.4 Jining Carbon Business Overview

10.20.5 Jining Carbon Recent Developments

11 CARBON-CARBON COMPOSITES FOR AEROSPACE MARKET FORECAST BY REGION

11.1 Global Carbon-carbon Composites for Aerospace Market Size Forecast

11.2 Global Carbon-carbon Composites for Aerospace Market Forecast by Region

11.2.1 North America Market Size Forecast by Country

11.2.2 Europe Carbon-carbon Composites for Aerospace Market Size Forecast by Country

11.2.3 Asia Pacific Carbon-carbon Composites for Aerospace Market Size Forecast by

Region

11.2.4 South America Carbon-carbon Composites for Aerospace Market Size Forecast by Country

11.2.5 Middle East and Africa Forecasted Consumption of Carbon-carbon Composites for Aerospace by Country

12 FORECAST MARKET BY TYPE AND BY APPLICATION (2025-2032)

12.1 Global Carbon-carbon Composites for Aerospace Market Forecast by Type (2025-2032)

12.1.1 Global Forecasted Sales of Carbon-carbon Composites for Aerospace by Type (2025-2032)

12.1.2 Global Carbon-carbon Composites for Aerospace Market Size Forecast by Type (2025-2032)

12.1.3 Global Forecasted Price of Carbon-carbon Composites for Aerospace by Type (2025-2032)

12.2 Global Carbon-carbon Composites for Aerospace Market Forecast by Application (2025-2032)

12.2.1 Global Carbon-carbon Composites for Aerospace Sales (K MT) Forecast by Application

12.2.2 Global Carbon-carbon Composites for Aerospace Market Size (M USD) Forecast by Application (2025-2032)

13 CONCLUSION AND KEY FINDINGS

List Of Tables

LIST OF TABLES

Table 1. Introduction of the Type

Table 2. Introduction of the Application

Table 3. Market Size (M USD) Segment Executive Summary

Table 4. Carbon-carbon Composites for Aerospace Market Size Comparison by Region (M USD)

Table 5. Global Carbon-carbon Composites for Aerospace Sales (K MT) by Manufacturers (2019-2024)

Table 6. Global Carbon-carbon Composites for Aerospace Sales Market Share by Manufacturers (2019-2024)

Table 7. Global Carbon-carbon Composites for Aerospace Revenue (M USD) by Manufacturers (2019-2024)

Table 8. Global Carbon-carbon Composites for Aerospace Revenue Share by Manufacturers (2019-2024)

Table 9. Company Type (Tier 1, Tier 2, and Tier 3) & (based on the Revenue in Carbon-carbon Composites for Aerospace as of 2022)

Table 10. Global Market Carbon-carbon Composites for Aerospace Average Price (USD/MT) of Key Manufacturers (2019-2024)

Table 11. Manufacturers Carbon-carbon Composites for Aerospace Sales Sites and Area Served

Table 12. Manufacturers Carbon-carbon Composites for Aerospace Product Type

Table 13. Global Carbon-carbon Composites for Aerospace Manufacturers Market Concentration Ratio (CR5 and HHI)

Table 14. Mergers & Acquisitions, Expansion Plans

Table 15. Industry Chain Map of Carbon-carbon Composites for Aerospace

Table 16. Market Overview of Key Raw Materials

Table 17. Midstream Market Analysis

Table 18. Downstream Customer Analysis

Table 19. Key Development Trends

Table 20. Driving Factors

Table 21. Carbon-carbon Composites for Aerospace Market Challenges

Table 22. Global Carbon-carbon Composites for Aerospace Sales by Type (K MT)

Table 23. Global Carbon-carbon Composites for Aerospace Market Size by Type (M USD)

Table 24. Global Carbon-carbon Composites for Aerospace Sales (K MT) by Type (2019-2024)

Table 25. Global Carbon-carbon Composites for Aerospace Sales Market Share by Type (2019-2024)

Table 26. Global Carbon-carbon Composites for Aerospace Market Size (M USD) by Type (2019-2024)

Table 27. Global Carbon-carbon Composites for Aerospace Market Size Share by Type (2019-2024)

Table 28. Global Carbon-carbon Composites for Aerospace Price (USD/MT) by Type (2019-2024)

Table 29. Global Carbon-carbon Composites for Aerospace Sales (K MT) by Application

Table 30. Global Carbon-carbon Composites for Aerospace Market Size by Application

Table 31. Global Carbon-carbon Composites for Aerospace Sales by Application (2019-2024) & (K MT)

Table 32. Global Carbon-carbon Composites for Aerospace Sales Market Share by Application (2019-2024)

Table 33. Global Carbon-carbon Composites for Aerospace Sales by Application (2019-2024) & (M USD)

Table 34. Global Carbon-carbon Composites for Aerospace Market Share by Application (2019-2024)

Table 35. Global Carbon-carbon Composites for Aerospace Sales Growth Rate by Application (2019-2024)

Table 36. Global Carbon-carbon Composites for Aerospace Sales by Region (2019-2024) & (K MT)

Table 37. Global Carbon-carbon Composites for Aerospace Sales Market Share by Region (2019-2024)

Table 38. North America Carbon-carbon Composites for Aerospace Sales by Country (2019-2024) & (K MT)

Table 39. Europe Carbon-carbon Composites for Aerospace Sales by Country (2019-2024) & (K MT)

Table 40. Asia Pacific Carbon-carbon Composites for Aerospace Sales by Region (2019-2024) & (K MT)

Table 41. South America Carbon-carbon Composites for Aerospace Sales by Country (2019-2024) & (K MT)

Table 42. Middle East and Africa Carbon-carbon Composites for Aerospace Sales by Region (2019-2024) & (K MT)

Table 43. Global Carbon-carbon Composites for Aerospace Production (K MT) by Region (2019-2024)

Table 44. Global Carbon-carbon Composites for Aerospace Revenue (US\$ Million) by Region (2019-2024)

Table 45. Global Carbon-carbon Composites for Aerospace Revenue Market Share by

Region (2019-2024)

Table 46. Global Carbon-carbon Composites for Aerospace Production (K MT), Revenue (US\$ Million), Price (USD/MT) and Gross Margin (2019-2024)

Table 47. North America Carbon-carbon Composites for Aerospace Production (K MT), Revenue (US\$ Million), Price (USD/MT) and Gross Margin (2019-2024)

Table 48. Europe Carbon-carbon Composites for Aerospace Production (K MT), Revenue (US\$ Million), Price (USD/MT) and Gross Margin (2019-2024)

Table 49. Japan Carbon-carbon Composites for Aerospace Production (K MT), Revenue (US\$ Million), Price (USD/MT) and Gross Margin (2019-2024)

Table 50. China Carbon-carbon Composites for Aerospace Production (K MT), Revenue (US\$ Million), Price (USD/MT) and Gross Margin (2019-2024)

Table 51. SGL Carbon Carbon-carbon Composites for Aerospace Basic Information

Table 52. SGL Carbon Carbon-carbon Composites for Aerospace Product Overview

Table 53. SGL Carbon Carbon-carbon Composites for Aerospace Sales (K MT), Revenue (M USD), Price (USD/MT) and Gross Margin (2019-2024)

Table 54. SGL Carbon Business Overview

Table 55. SGL Carbon Carbon-carbon Composites for Aerospace SWOT Analysis

Table 56. SGL Carbon Recent Developments

Table 57. Toyo Tanso Carbon-carbon Composites for Aerospace Basic Information

Table 58. Toyo Tanso Carbon-carbon Composites for Aerospace Product Overview

Table 59. Toyo Tanso Carbon-carbon Composites for Aerospace Sales (K MT), Revenue (M USD), Price (USD/MT) and Gross Margin (2019-2024)

Table 60. Toyo Tanso Business Overview

Table 61. Toyo Tanso Carbon-carbon Composites for Aerospace SWOT Analysis

Table 62. Toyo Tanso Recent Developments

Table 63. Tokai Carbon Carbon-carbon Composites for Aerospace Basic Information

Table 64. Tokai Carbon Carbon-carbon Composites for Aerospace Product Overview

Table 65. Tokai Carbon Carbon-carbon Composites for Aerospace Sales (K MT), Revenue (M USD), Price (USD/MT) and Gross Margin (2019-2024)

Table 66. Tokai Carbon Carbon-carbon Composites for Aerospace SWOT Analysis

Table 67. Tokai Carbon Business Overview

Table 68. Tokai Carbon Recent Developments

Table 69. Hexcel Carbon-carbon Composites for Aerospace Basic Information

Table 70. Hexcel Carbon-carbon Composites for Aerospace Product Overview

Table 71. Hexcel Carbon-carbon Composites for Aerospace Sales (K MT), Revenue (M USD), Price (USD/MT) and Gross Margin (2019-2024)

Table 72. Hexcel Business Overview

Table 73. Hexcel Recent Developments

Table 74. Nippon Carbon Carbon-carbon Composites for Aerospace Basic Information

Table 75. Nippon Carbon Carbon-carbon Composites for Aerospace Product Overview
Table 76. Nippon Carbon Carbon-carbon Composites for Aerospace Sales (K MT), Revenue (M USD), Price (USD/MT) and Gross Margin (2019-2024)
Table 77. Nippon Carbon Business Overview
Table 78. Nippon Carbon Recent Developments
Table 79. MERSEN BENELUX Carbon-carbon Composites for Aerospace Basic Information
Table 80. MERSEN BENELUX Carbon-carbon Composites for Aerospace Product Overview
Table 81. MERSEN BENELUX Carbon-carbon Composites for Aerospace Sales (K MT), Revenue (M USD), Price (USD/MT) and Gross Margin (2019-2024)
Table 82. MERSEN BENELUX Business Overview
Table 83. MERSEN BENELUX Recent Developments
Table 84. Schunk Carbon-carbon Composites for Aerospace Basic Information
Table 85. Schunk Carbon-carbon Composites for Aerospace Product Overview
Table 86. Schunk Carbon-carbon Composites for Aerospace Sales (K MT), Revenue (M USD), Price (USD/MT) and Gross Margin (2019-2024)
Table 87. Schunk Business Overview
Table 88. Schunk Recent Developments
Table 89. Americarb Carbon-carbon Composites for Aerospace Basic Information
Table 90. Americarb Carbon-carbon Composites for Aerospace Product Overview
Table 91. Americarb Carbon-carbon Composites for Aerospace Sales (K MT), Revenue (M USD), Price (USD/MT) and Gross Margin (2019-2024)
Table 92. Americarb Business Overview
Table 93. Americarb Recent Developments
Table 94. Carbon Composites Carbon-carbon Composites for Aerospace Basic Information
Table 95. Carbon Composites Carbon-carbon Composites for Aerospace Product Overview
Table 96. Carbon Composites Carbon-carbon Composites for Aerospace Sales (K MT), Revenue (M USD), Price (USD/MT) and Gross Margin (2019-2024)
Table 97. Carbon Composites Business Overview
Table 98. Carbon Composites Recent Developments
Table 99. FMI Carbon-carbon Composites for Aerospace Basic Information
Table 100. FMI Carbon-carbon Composites for Aerospace Product Overview
Table 101. FMI Carbon-carbon Composites for Aerospace Sales (K MT), Revenue (M USD), Price (USD/MT) and Gross Margin (2019-2024)
Table 102. FMI Business Overview
Table 103. FMI Recent Developments

Table 104. Luhang Carbon Carbon-carbon Composites for Aerospace Basic Information

Table 105. Luhang Carbon Carbon-carbon Composites for Aerospace Product Overview

Table 106. Luhang Carbon Carbon-carbon Composites for Aerospace Sales (K MT), Revenue (M USD), Price (USD/MT) and Gross Margin (2019-2024)

Table 107. Luhang Carbon Business Overview

Table 108. Luhang Carbon Recent Developments

Table 109. Graphtek Carbon-carbon Composites for Aerospace Basic Information

Table 110. Graphtek Carbon-carbon Composites for Aerospace Product Overview

Table 111. Graphtek Carbon-carbon Composites for Aerospace Sales (K MT), Revenue (M USD), Price (USD/MT) and Gross Margin (2019-2024)

Table 112. Graphtek Business Overview

Table 113. Graphtek Recent Developments

Table 114. KBC Carbon-carbon Composites for Aerospace Basic Information

Table 115. KBC Carbon-carbon Composites for Aerospace Product Overview

Table 116. KBC Carbon-carbon Composites for Aerospace Sales (K MT), Revenue (M USD), Price (USD/MT) and Gross Margin (2019-2024)

Table 117. KBC Business Overview

Table 118. KBC Recent Developments

Table 119. Boyun Carbon-carbon Composites for Aerospace Basic Information

Table 120. Boyun Carbon-carbon Composites for Aerospace Product Overview

Table 121. Boyun Carbon-carbon Composites for Aerospace Sales (K MT), Revenue (M USD), Price (USD/MT) and Gross Margin (2019-2024)

Table 122. Boyun Business Overview

Table 123. Boyun Recent Developments

Table 124. Chaoma Carbon-carbon Composites for Aerospace Basic Information

Table 125. Chaoma Carbon-carbon Composites for Aerospace Product Overview

Table 126. Chaoma Carbon-carbon Composites for Aerospace Sales (K MT), Revenue (M USD), Price (USD/MT) and Gross Margin (2019-2024)

Table 127. Chaoma Business Overview

Table 128. Chaoma Recent Developments

Table 129. Jiuhua Carbon Carbon-carbon Composites for Aerospace Basic Information

Table 130. Jiuhua Carbon Carbon-carbon Composites for Aerospace Product Overview

Table 131. Jiuhua Carbon Carbon-carbon Composites for Aerospace Sales (K MT), Revenue (M USD), Price (USD/MT) and Gross Margin (2019-2024)

Table 132. Jiuhua Carbon Business Overview

Table 133. Jiuhua Carbon Recent Developments

Table 134. Chemshine Carbon-carbon Composites for Aerospace Basic Information

Table 135. Chemshine Carbon-carbon Composites for Aerospace Product Overview

Table 136. Chemshine Carbon-carbon Composites for Aerospace Sales (K MT), Revenue (M USD), Price (USD/MT) and Gross Margin (2019-2024)

Table 137. Chemshine Business Overview

Table 138. Chemshine Recent Developments

Table 139. Bay Composites Carbon-carbon Composites for Aerospace Basic Information

Table 140. Bay Composites Carbon-carbon Composites for Aerospace Product Overview

Table 141. Bay Composites Carbon-carbon Composites for Aerospace Sales (K MT), Revenue (M USD), Price (USD/MT) and Gross Margin (2019-2024)

Table 142. Bay Composites Business Overview

Table 143. Bay Composites Recent Developments

Table 144. Haoshi Carbon Carbon-carbon Composites for Aerospace Basic Information

Table 145. Haoshi Carbon Carbon-carbon Composites for Aerospace Product Overview

Table 146. Haoshi Carbon Carbon-carbon Composites for Aerospace Sales (K MT), Revenue (M USD), Price (USD/MT) and Gross Margin (2019-2024)

Table 147. Haoshi Carbon Business Overview

Table 148. Haoshi Carbon Recent Developments

Table 149. Jining Carbon Carbon-carbon Composites for Aerospace Basic Information

Table 150. Jining Carbon Carbon-carbon Composites for Aerospace Product Overview

Table 151. Jining Carbon Carbon-carbon Composites for Aerospace Sales (K MT), Revenue (M USD), Price (USD/MT) and Gross Margin (2019-2024)

Table 152. Jining Carbon Business Overview

Table 153. Jining Carbon Recent Developments

Table 154. Global Carbon-carbon Composites for Aerospace Sales Forecast by Region (2025-2032) & (K MT)

Table 155. Global Carbon-carbon Composites for Aerospace Market Size Forecast by Region (2025-2032) & (M USD)

Table 156. North America Carbon-carbon Composites for Aerospace Sales Forecast by Country (2025-2032) & (K MT)

Table 157. North America Carbon-carbon Composites for Aerospace Market Size Forecast by Country (2025-2032) & (M USD)

Table 158. Europe Carbon-carbon Composites for Aerospace Sales Forecast by Country (2025-2032) & (K MT)

Table 159. Europe Carbon-carbon Composites for Aerospace Market Size Forecast by Country (2025-2032) & (M USD)

Table 160. Asia Pacific Carbon-carbon Composites for Aerospace Sales Forecast by Region (2025-2032) & (K MT)

Table 161. Asia Pacific Carbon-carbon Composites for Aerospace Market Size Forecast

by Region (2025-2032) & (M USD)

Table 162. South America Carbon-carbon Composites for Aerospace Sales Forecast by Country (2025-2032) & (K MT)

Table 163. South America Carbon-carbon Composites for Aerospace Market Size Forecast by Country (2025-2032) & (M USD)

Table 164. Middle East and Africa Carbon-carbon Composites for Aerospace Consumption Forecast by Country (2025-2032) & (Units)

Table 165. Middle East and Africa Carbon-carbon Composites for Aerospace Market Size Forecast by Country (2025-2032) & (M USD)

Table 166. Global Carbon-carbon Composites for Aerospace Sales Forecast by Type (2025-2032) & (K MT)

Table 167. Global Carbon-carbon Composites for Aerospace Market Size Forecast by Type (2025-2032) & (M USD)

Table 168. Global Carbon-carbon Composites for Aerospace Price Forecast by Type (2025-2032) & (USD/MT)

Table 169. Global Carbon-carbon Composites for Aerospace Sales (K MT) Forecast by Application (2025-2032)

Table 170. Global Carbon-carbon Composites for Aerospace Market Size Forecast by Application (2025-2032) & (M USD)

List Of Figures

LIST OF FIGURES

Figure 1. Product Picture of Carbon-carbon Composites for Aerospace

Figure 2. Data Triangulation

Figure 3. Key Caveats

Figure 4. Global Carbon-carbon Composites for Aerospace Market Size (M USD), 2019-2032

Figure 5. Global Carbon-carbon Composites for Aerospace Market Size (M USD) (2019-2032)

Figure 6. Global Carbon-carbon Composites for Aerospace Sales (K MT) & (2019-2032)

Figure 7. Evaluation Matrix of Segment Market Development Potential (Type)

Figure 8. Evaluation Matrix of Segment Market Development Potential (Application)

Figure 9. Evaluation Matrix of Regional Market Development Potential

Figure 10. Carbon-carbon Composites for Aerospace Market Size by Country (M USD)

Figure 11. Carbon-carbon Composites for Aerospace Sales Share by Manufacturers in 2023

Figure 12. Global Carbon-carbon Composites for Aerospace Revenue Share by Manufacturers in 2023

Figure 13. Carbon-carbon Composites for Aerospace Market Share by Company Type (Tier 1, Tier 2 and Tier 3): 2023

Figure 14. Global Market Carbon-carbon Composites for Aerospace Average Price (USD/MT) of Key Manufacturers in 2023

Figure 15. The Global 5 and 10 Largest Players: Market Share by Carbon-carbon Composites for Aerospace Revenue in 2023

Figure 16. Evaluation Matrix of Segment Market Development Potential (Type)

Figure 17. Global Carbon-carbon Composites for Aerospace Market Share by Type

Figure 18. Sales Market Share of Carbon-carbon Composites for Aerospace by Type (2019-2024)

Figure 19. Sales Market Share of Carbon-carbon Composites for Aerospace by Type in 2023

Figure 20. Market Size Share of Carbon-carbon Composites for Aerospace by Type (2019-2024)

Figure 21. Market Size Market Share of Carbon-carbon Composites for Aerospace by Type in 2023

Figure 22. Evaluation Matrix of Segment Market Development Potential (Application)

Figure 23. Global Carbon-carbon Composites for Aerospace Market Share by Application

Figure 24. Global Carbon-carbon Composites for Aerospace Sales Market Share by Application (2019-2024)

Figure 25. Global Carbon-carbon Composites for Aerospace Sales Market Share by Application in 2023

Figure 26. Global Carbon-carbon Composites for Aerospace Market Share by Application (2019-2024)

Figure 27. Global Carbon-carbon Composites for Aerospace Market Share by Application in 2023

Figure 28. Global Carbon-carbon Composites for Aerospace Sales Growth Rate by Application (2019-2024)

Figure 29. Global Carbon-carbon Composites for Aerospace Sales Market Share by Region (2019-2024)

Figure 30. North America Carbon-carbon Composites for Aerospace Sales and Growth Rate (2019-2024) & (K MT)

Figure 31. North America Carbon-carbon Composites for Aerospace Sales Market Share by Country in 2023

Figure 32. U.S. Carbon-carbon Composites for Aerospace Sales and Growth Rate (2019-2024) & (K MT)

Figure 33. Canada Carbon-carbon Composites for Aerospace Sales (K MT) and Growth Rate (2019-2024)

Figure 34. Mexico Carbon-carbon Composites for Aerospace Sales (Units) and Growth Rate (2019-2024)

Figure 35. Europe Carbon-carbon Composites for Aerospace Sales and Growth Rate (2019-2024) & (K MT)

Figure 36. Europe Carbon-carbon Composites for Aerospace Sales Market Share by Country in 2023

Figure 37. Germany Carbon-carbon Composites for Aerospace Sales and Growth Rate (2019-2024) & (K MT)

Figure 38. France Carbon-carbon Composites for Aerospace Sales and Growth Rate (2019-2024) & (K MT)

Figure 39. U.K. Carbon-carbon Composites for Aerospace Sales and Growth Rate (2019-2024) & (K MT)

Figure 40. Italy Carbon-carbon Composites for Aerospace Sales and Growth Rate (2019-2024) & (K MT)

Figure 41. Russia Carbon-carbon Composites for Aerospace Sales and Growth Rate (2019-2024) & (K MT)

Figure 42. Asia Pacific Carbon-carbon Composites for Aerospace Sales and Growth Rate (K MT)

Figure 43. Asia Pacific Carbon-carbon Composites for Aerospace Sales Market Share

by Region in 2023

Figure 44. China Carbon-carbon Composites for Aerospace Sales and Growth Rate (2019-2024) & (K MT)

Figure 45. Japan Carbon-carbon Composites for Aerospace Sales and Growth Rate (2019-2024) & (K MT)

Figure 46. South Korea Carbon-carbon Composites for Aerospace Sales and Growth Rate (2019-2024) & (K MT)

Figure 47. India Carbon-carbon Composites for Aerospace Sales and Growth Rate (2019-2024) & (K MT)

Figure 48. Southeast Asia Carbon-carbon Composites for Aerospace Sales and Growth Rate (2019-2024) & (K MT)

Figure 49. South America Carbon-carbon Composites for Aerospace Sales and Growth Rate (K MT)

Figure 50. South America Carbon-carbon Composites for Aerospace Sales Market Share by Country in 2023

Figure 51. Brazil Carbon-carbon Composites for Aerospace Sales and Growth Rate (2019-2024) & (K MT)

Figure 52. Argentina Carbon-carbon Composites for Aerospace Sales and Growth Rate (2019-2024) & (K MT)

Figure 53. Columbia Carbon-carbon Composites for Aerospace Sales and Growth Rate (2019-2024) & (K MT)

Figure 54. Middle East and Africa Carbon-carbon Composites for Aerospace Sales and Growth Rate (K MT)

Figure 55. Middle East and Africa Carbon-carbon Composites for Aerospace Sales Market Share by Region in 2023

Figure 56. Saudi Arabia Carbon-carbon Composites for Aerospace Sales and Growth Rate (2019-2024) & (K MT)

Figure 57. UAE Carbon-carbon Composites for Aerospace Sales and Growth Rate (2019-2024) & (K MT)

Figure 58. Egypt Carbon-carbon Composites for Aerospace Sales and Growth Rate (2019-2024) & (K MT)

Figure 59. Nigeria Carbon-carbon Composites for Aerospace Sales and Growth Rate (2019-2024) & (K MT)

Figure 60. South Africa Carbon-carbon Composites for Aerospace Sales and Growth Rate (2019-2024) & (K MT)

Figure 61. Global Carbon-carbon Composites for Aerospace Production Market Share by Region (2019-2024)

Figure 62. North America Carbon-carbon Composites for Aerospace Production (K MT) Growth Rate (2019-2024)

Figure 63. Europe Carbon-carbon Composites for Aerospace Production (K MT) Growth Rate (2019-2024)

Figure 64. Japan Carbon-carbon Composites for Aerospace Production (K MT) Growth Rate (2019-2024)

Figure 65. China Carbon-carbon Composites for Aerospace Production (K MT) Growth Rate (2019-2024)

Figure 66. Global Carbon-carbon Composites for Aerospace Sales Forecast by Volume (2019-2032) & (K MT)

Figure 67. Global Carbon-carbon Composites for Aerospace Market Size Forecast by Value (2019-2032) & (M USD)

Figure 68. Global Carbon-carbon Composites for Aerospace Sales Market Share Forecast by Type (2025-2032)

Figure 69. Global Carbon-carbon Composites for Aerospace Market Share Forecast by Type (2025-2032)

Figure 70. Global Carbon-carbon Composites for Aerospace Sales Forecast by Application (2025-2032)

Figure 71. Global Carbon-carbon Composites for Aerospace Market Share Forecast by Application (2025-2032)

I would like to order

Product name: Global Carbon-carbon Composites for Aerospace Market Research Report 2024, Forecast to 2032

Product link: <https://marketpublishers.com/r/GD18226E6618EN.html>

Price: US\$ 3,200.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/GD18226E6618EN.html>