

Global Carbon-matrix Composite Market Research Report 2025(Status and Outlook)

<https://marketpublishers.com/r/GF9BC98AC7F7EN.html>

Date: March 2025

Pages: 163

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

ID: GF9BC98AC7F7EN

Abstracts

Report Overview

Carbon-matrix composites are advanced materials made by embedding carbon fibers within a carbon-rich matrix material, such as graphite or carbon-carbon. These composites are known for their exceptional strength, stiffness, and lightweight properties, making them ideal for high-performance applications in industries such as aerospace, automotive, and sports equipment. The carbon fibers provide the material with high tensile strength and stiffness, while the matrix material helps to maintain the structure and provide thermal stability. Carbon-matrix composites are widely used in components where high strength-to-weight ratio and resistance to high temperatures are crucial, such as aircraft components, rocket nozzles, and sporting goods like tennis rackets and bicycle frames.

The market for carbon-matrix composites is experiencing significant growth driven by several key factors. The increasing demand for lightweight and high-performance materials in industries like aerospace and automotive is a major driver for the market. Carbon-matrix composites offer a compelling solution to reduce weight while maintaining strength and durability, thereby improving fuel efficiency and overall performance. Additionally, advancements in manufacturing technologies have made these composites more cost-effective and accessible, further fueling their adoption across various industries. Moreover, the growing focus on sustainability and environmental concerns is also driving the market, as carbon-matrix composites can help reduce energy consumption and greenhouse gas emissions due to their lightweight nature.

This report provides a deep insight into the global Carbon-matrix Composite 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-matrix Composite 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-matrix Composite market in any manner.

Global Carbon-matrix Composite 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

General Electric Company(U.S.)

Rolls-Royce Plc(U.S.)

SGL Group(Germany)

COI Ceramics(U.S.)

United Technologies(U.S.)

CeramTec(Germany)

Lancer Systems(U.S.)

CoorsTek(U.S.)

Applied Thin Films(U.S.)

Ultramet(U.S.)

Market Segmentation (by Type)

Carbon/Carbon

SiC/SiC

Others

Market Segmentation (by Application)

Aerospace & Defense

Automotive

Energy & Power

Electrical & Electronics

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-matrix Composite Market

Overview of the regional outlook of the Carbon-matrix Composite 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 (USD Billion) 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-matrix Composite 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 and its main countries and introduces the market development, future development prospects, market space, and capacity of each country in the world.

Chapter 9 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 10 provides a quantitative analysis of the market size and development potential of each region in the next five years.

Chapter 11 provides a quantitative analysis of the market size and development potential of each market segment (product type and application) in the next five years.

Chapter 12 is the main points and conclusions of the report.

Contents

Table of Contents

1 Research Methodology and Statistical Scope

1.1 Market Definition and Statistical Scope of Carbon-matrix Composite

1.2 Key Market Segments

1.2.1 Carbon-matrix Composite Segment by Type

1.2.2 Carbon-matrix Composite 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-matrix Composite Market Overview

2.1 Global Market Overview

2.1.1 Global Carbon-matrix Composite Market Size (M USD) Estimates and Forecasts (2020-2033)

2.1.2 Global Carbon-matrix Composite Sales Estimates and Forecasts (2020-2033)

2.2 Market Segment Executive Summary

2.3 Global Market Size by Region

3 Carbon-matrix Composite Market Competitive Landscape

3.1 Company Assessment Quadrant

3.2 Global Carbon-matrix Composite Product Life Cycle

3.3 Global Carbon-matrix Composite Sales by Manufacturers (2020-2025)

3.4 Global Carbon-matrix Composite Revenue Market Share by Manufacturers (2020-2025)

3.5 Carbon-matrix Composite Market Share by Company Type (Tier 1, Tier 2, and Tier 3)

3.6 Global Carbon-matrix Composite Average Price by Manufacturers (2020-2025)

3.7 Manufacturers Carbon-matrix Composite Manufacturing Sites, Area Served, Product Type

3.8 Carbon-matrix Composite Market Competitive Situation and Trends

3.8.1 Carbon-matrix Composite Market Concentration Rate

3.8.2 Global 5 and 10 Largest Carbon-matrix Composite Players Market Share by Revenue

3.8.3 Mergers & Acquisitions, Expansion

4 Carbon-matrix Composite Industry Chain Analysis

4.1 Carbon-matrix Composite 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-matrix Composite Market
 - 5.1 Key Development Trends
 - 5.2 Driving Factors
 - 5.3 Market Challenges
 - 5.4 Industry News
 - 5.4.1 New Product Developments
 - 5.4.2 Mergers & Acquisitions
 - 5.4.3 Expansions
 - 5.4.4 Collaboration/Supply Contracts
 - 5.5 PEST Analysis
 - 5.5.1 Industry Policies Analysis
 - 5.5.2 Economic Environment Analysis
 - 5.5.3 Social Environment Analysis
 - 5.5.4 Technological Environment Analysis
 - 5.6 Global Carbon-matrix Composite Market Porter's Five Forces Analysis
 - 5.6.1 Global Trade Frictions
 - 5.6.2 Global Trade Frictions and Their Impacts to Carbon-matrix Composite Market
 - 5.7 ESG Ratings of Leading Companies
- 6 Carbon-matrix Composite Market Segmentation by Type
 - 6.1 Evaluation Matrix of Segment Market Development Potential (Type)
 - 6.2 Global Carbon-matrix Composite Sales Market Share by Type (2020-2025)
 - 6.3 Global Carbon-matrix Composite Market Size Market Share by Type (2020-2025)
 - 6.4 Global Carbon-matrix Composite Price by Type (2020-2025)
- 7 Carbon-matrix Composite Market Segmentation by Application
 - 7.1 Evaluation Matrix of Segment Market Development Potential (Application)
 - 7.2 Global Carbon-matrix Composite Market Sales by Application (2020-2025)
 - 7.3 Global Carbon-matrix Composite Market Size (M USD) by Application (2020-2025)
 - 7.4 Global Carbon-matrix Composite Sales Growth Rate by Application (2020-2025)
- 8 Carbon-matrix Composite Market Sales by Region
 - 8.1 Global Carbon-matrix Composite Sales by Region
 - 8.1.1 Global Carbon-matrix Composite Sales by Region
 - 8.1.2 Global Carbon-matrix Composite Sales Market Share by Region
 - 8.2 Global Carbon-matrix Composite Market Size by Region
 - 8.2.1 Global Carbon-matrix Composite Market Size by Region
 - 8.2.2 Global Carbon-matrix Composite Market Size Market Share by Region
 - 8.3 North America

- 8.3.1 North America Carbon-matrix Composite Sales by Country
- 8.3.2 North America Carbon-matrix Composite Market Size by Country
- 8.3.3 U.S. Market Overview
- 8.3.4 Canada Market Overview
- 8.3.5 Mexico Market Overview
- 8.4 Europe
- 8.4.1 Europe Carbon-matrix Composite Sales by Country
- 8.4.2 Europe Carbon-matrix Composite Market Size by Country
- 8.4.3 Germany Market Overview
- 8.4.4 France Market Overview
- 8.4.5 U.K. Market Overview
- 8.4.6 Italy Market Overview
- 8.4.7 Spain Market Overview
- 8.5 Asia Pacific
- 8.5.1 Asia Pacific Carbon-matrix Composite Sales by Region
- 8.5.2 Asia Pacific Carbon-matrix Composite Market Size by Region
- 8.5.3 China Market Overview
- 8.5.4 Japan Market Overview
- 8.5.5 South Korea Market Overview
- 8.5.6 India Market Overview
- 8.5.7 Southeast Asia Market Overview
- 8.6 South America
- 8.6.1 South America Carbon-matrix Composite Sales by Country
- 8.6.2 South America Carbon-matrix Composite Market Size by Country
- 8.6.3 Brazil Market Overview
- 8.6.4 Argentina Market Overview
- 8.6.5 Columbia Market Overview
- 8.7 Middle East and Africa
- 8.7.1 Middle East and Africa Carbon-matrix Composite Sales by Region
- 8.7.2 Middle East and Africa Carbon-matrix Composite Market Size by Region
- 8.7.3 Saudi Arabia Market Overview
- 8.7.4 UAE Market Overview
- 8.7.5 Egypt Market Overview
- 8.7.6 Nigeria Market Overview
- 8.7.7 South Africa Market Overview
- 9 Carbon-matrix Composite Market Production by Region
- 9.1 Global Production of Carbon-matrix Composite by Region(2020-2025)
- 9.2 Global Carbon-matrix Composite Revenue Market Share by Region (2020-2025)
- 9.3 Global Carbon-matrix Composite Production, Revenue, Price and Gross Margin

(2020-2025)

9.4 North America Carbon-matrix Composite Production

9.4.1 North America Carbon-matrix Composite Production Growth Rate (2020-2025)

9.4.2 North America Carbon-matrix Composite Production, Revenue, Price and Gross Margin (2020-2025)

9.5 Europe Carbon-matrix Composite Production

9.5.1 Europe Carbon-matrix Composite Production Growth Rate (2020-2025)

9.5.2 Europe Carbon-matrix Composite Production, Revenue, Price and Gross Margin (2020-2025)

9.6 Japan Carbon-matrix Composite Production (2020-2025)

9.6.1 Japan Carbon-matrix Composite Production Growth Rate (2020-2025)

9.6.2 Japan Carbon-matrix Composite Production, Revenue, Price and Gross Margin (2020-2025)

9.7 China Carbon-matrix Composite Production (2020-2025)

9.7.1 China Carbon-matrix Composite Production Growth Rate (2020-2025)

9.7.2 China Carbon-matrix Composite Production, Revenue, Price and Gross Margin (2020-2025)

10 Key Companies Profile

10.1 General Electric Company(U.S.)

10.1.1 General Electric Company(U.S.) Basic Information

10.1.2 General Electric Company(U.S.) Carbon-matrix Composite Product Overview

10.1.3 General Electric Company(U.S.) Carbon-matrix Composite Product Market Performance

10.1.4 General Electric Company(U.S.) Business Overview

10.1.5 General Electric Company(U.S.) SWOT Analysis

10.1.6 General Electric Company(U.S.) Recent Developments

10.2 Rolls-Royce Plc(U.S.)

10.2.1 Rolls-Royce Plc(U.S.) Basic Information

10.2.2 Rolls-Royce Plc(U.S.) Carbon-matrix Composite Product Overview

10.2.3 Rolls-Royce Plc(U.S.) Carbon-matrix Composite Product Market Performance

10.2.4 Rolls-Royce Plc(U.S.) Business Overview

10.2.5 Rolls-Royce Plc(U.S.) SWOT Analysis

10.2.6 Rolls-Royce Plc(U.S.) Recent Developments

10.3 SGL Group(Germany)

10.3.1 SGL Group(Germany) Basic Information

10.3.2 SGL Group(Germany) Carbon-matrix Composite Product Overview

10.3.3 SGL Group(Germany) Carbon-matrix Composite Product Market Performance

10.3.4 SGL Group(Germany) Business Overview

10.3.5 SGL Group(Germany) SWOT Analysis

- 10.3.6 SGL Group(Germany) Recent Developments
- 10.4 COI Ceramics(U.S.)
 - 10.4.1 COI Ceramics(U.S.) Basic Information
 - 10.4.2 COI Ceramics(U.S.) Carbon-matrix Composite Product Overview
 - 10.4.3 COI Ceramics(U.S.) Carbon-matrix Composite Product Market Performance
 - 10.4.4 COI Ceramics(U.S.) Business Overview
 - 10.4.5 COI Ceramics(U.S.) Recent Developments
- 10.5 United Technologies(U.S.)
 - 10.5.1 United Technologies(U.S.) Basic Information
 - 10.5.2 United Technologies(U.S.) Carbon-matrix Composite Product Overview
 - 10.5.3 United Technologies(U.S.) Carbon-matrix Composite Product Market Performance
 - 10.5.4 United Technologies(U.S.) Business Overview
 - 10.5.5 United Technologies(U.S.) Recent Developments
- 10.6 CeramTec(Germany)
 - 10.6.1 CeramTec(Germany) Basic Information
 - 10.6.2 CeramTec(Germany) Carbon-matrix Composite Product Overview
 - 10.6.3 CeramTec(Germany) Carbon-matrix Composite Product Market Performance
 - 10.6.4 CeramTec(Germany) Business Overview
 - 10.6.5 CeramTec(Germany) Recent Developments
- 10.7 Lancer Systems(U.S.)
 - 10.7.1 Lancer Systems(U.S.) Basic Information
 - 10.7.2 Lancer Systems(U.S.) Carbon-matrix Composite Product Overview
 - 10.7.3 Lancer Systems(U.S.) Carbon-matrix Composite Product Market Performance
 - 10.7.4 Lancer Systems(U.S.) Business Overview
 - 10.7.5 Lancer Systems(U.S.) Recent Developments
- 10.8 CoorsTek(U.S.)
 - 10.8.1 CoorsTek(U.S.) Basic Information
 - 10.8.2 CoorsTek(U.S.) Carbon-matrix Composite Product Overview
 - 10.8.3 CoorsTek(U.S.) Carbon-matrix Composite Product Market Performance
 - 10.8.4 CoorsTek(U.S.) Business Overview
 - 10.8.5 CoorsTek(U.S.) Recent Developments
- 10.9 Applied Thin Films(U.S.)
 - 10.9.1 Applied Thin Films(U.S.) Basic Information
 - 10.9.2 Applied Thin Films(U.S.) Carbon-matrix Composite Product Overview
 - 10.9.3 Applied Thin Films(U.S.) Carbon-matrix Composite Product Market Performance
 - 10.9.4 Applied Thin Films(U.S.) Business Overview
 - 10.9.5 Applied Thin Films(U.S.) Recent Developments
- 10.10 Ultramet(U.S.)

10.10.1 Ultramet(U.S.) Basic Information	
10.10.2 Ultramet(U.S.) Carbon-matrix Composite Product Overview	
10.10.3 Ultramet(U.S.) Carbon-matrix Composite Product Market Performance	
10.10.4 Ultramet(U.S.) Business Overview	
10.10.5 Ultramet(U.S.) Recent Developments	
11 Carbon-matrix Composite Market Forecast by Region	
11.1 Global Carbon-matrix Composite Market Size Forecast	
11.2 Global Carbon-matrix Composite Market Forecast by Region	
11.2.1 North America Market Size Forecast by Country	
11.2.2 Europe Carbon-matrix Composite Market Size Forecast by Country	
11.2.3 Asia Pacific Carbon-matrix Composite Market Size Forecast by Region	
11.2.4 South America Carbon-matrix Composite Market Size Forecast by Country	
11.2.5 Middle East and Africa Forecasted Sales of Carbon-matrix Composite by Country	
12 Forecast Market by Type and by Application (2026-2033)	
12.1 Global Carbon-matrix Composite Market Forecast by Type (2026-2033)	
12.1.1 Global Forecasted Sales of Carbon-matrix Composite by Type (2026-2033)	
12.1.2 Global Carbon-matrix Composite Market Size Forecast by Type (2026-2033)	
12.1.3 Global Forecasted Price of Carbon-matrix Composite by Type (2026-2033)	
12.2 Global Carbon-matrix Composite Market Forecast by Application (2026-2033)	
12.2.1 Global Carbon-matrix Composite Sales (K MT) Forecast by Application	
12.2.2 Global Carbon-matrix Composite Market Size (M USD) Forecast by Application (2026-2033)	
13 Conclusion and Key Findings	
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-matrix Composite Market Size Comparison by Region (M USD)	
Table 5. Global Carbon-matrix Composite Sales (K MT) by Manufacturers (2020-2025)	
Table 6. Global Carbon-matrix Composite Sales Market Share by Manufacturers (2020-2025)	
Table 7. Global Carbon-matrix Composite Revenue (M USD) by Manufacturers (2020-2025)	
Table 8. Global Carbon-matrix Composite Revenue Share by Manufacturers (2020-2025)	
Table 9. Company Type (Tier 1, Tier 2, and Tier 3) & (based on the Revenue in Carbon-matrix Composite as of 2024)	
Table 10. Global Market Carbon-matrix Composite Average Price (USD/MT) of Key Manufacturers (2020-2025)	

Table 11. Manufacturers Carbon-matrix Composite Manufacturing Sites and Area Served

Table 12. Manufacturers Carbon-matrix Composite Product Type

Table 13. Global Carbon-matrix Composite Manufacturers Market Concentration Ratio (CR5 and HHI)

Table 14. Mergers & Acquisitions, Expansion Plans

Table 15. Market Overview of Key Raw Materials

Table 16. Midstream Market Analysis

Table 17. Downstream Customer Analysis

Table 18. Key Development Trends

Table 19. Driving Factors

Table 20. Carbon-matrix Composite Market Challenges

Table 21. Goldman Sachs' forecast real GDP growth rate for 2024-2026

Table 22. S&P Global ' Forecast Real GDP Growth Rate For 2024-2027

Table 23. World Bank ' Forecast Real GDP Growth Rate For 2024-2026

Table 24. Global Carbon-matrix Composite Sales by Type (K MT)

Table 25. Global Carbon-matrix Composite Market Size by Type (M USD)

Table 26. Global Carbon-matrix Composite Sales (K MT) by Type (2020-2025)

Table 27. Global Carbon-matrix Composite Sales Market Share by Type (2020-2025)

Table 28. Global Carbon-matrix Composite Market Size (M USD) by Type (2020-2025)

Table 29. Global Carbon-matrix Composite Market Size Share by Type (2020-2025)

Table 30. Global Carbon-matrix Composite Price (USD/MT) by Type (2020-2025)

Table 31. Global Carbon-matrix Composite Sales (K MT) by Application

Table 32. Global Carbon-matrix Composite Market Size by Application

Table 33. Global Carbon-matrix Composite Sales by Application (2020-2025) & (K MT)

Table 34. Global Carbon-matrix Composite Sales Market Share by Application (2020-2025)

Table 35. Global Carbon-matrix Composite Market Size by Application (2020-2025) & (M USD)

Table 36. Global Carbon-matrix Composite Market Share by Application (2020-2025)

Table 37. Global Carbon-matrix Composite Sales Growth Rate by Application (2020-2025)

Table 38. Global Carbon-matrix Composite Sales by Region (2020-2025) & (K MT)

Table 39. Global Carbon-matrix Composite Sales Market Share by Region (2020-2025)

Table 40. Global Carbon-matrix Composite Market Size by Region (2020-2025) & (M USD)

Table 41. Global Carbon-matrix Composite Market Size Market Share by Region (2020-2025)

Table 42. North America Carbon-matrix Composite Sales by Country (2020-2025) & (K

MT)

Table 43. North America Carbon-matrix Composite Market Size by Country (2020-2025) & (M USD)

Table 44. Europe Carbon-matrix Composite Sales by Country (2020-2025) & (K MT)

Table 45. Europe Carbon-matrix Composite Market Size by Country (2020-2025) & (M USD)

Table 46. Asia Pacific Carbon-matrix Composite Sales by Region (2020-2025) & (K MT)

Table 47. Asia Pacific Carbon-matrix Composite Market Size by Region (2020-2025) & (M USD)

Table 48. South America Carbon-matrix Composite Sales by Country (2020-2025) & (K MT)

Table 49. South America Carbon-matrix Composite Market Size by Country (2020-2025) & (M USD)

Table 50. Middle East and Africa Carbon-matrix Composite Sales by Region (2020-2025) & (K MT)

Table 51. Middle East and Africa Carbon-matrix Composite Market Size by Region (2020-2025) & (M USD)

Table 52. Global Carbon-matrix Composite Production (K MT) by Region(2020-2025)

Table 53. Global Carbon-matrix Composite Revenue (US\$ Million) by Region (2020-2025)

Table 54. Global Carbon-matrix Composite Revenue Market Share by Region (2020-2025)

Table 55. Global Carbon-matrix Composite Production (K MT), Revenue (US\$ Million), Price (USD/MT) and Gross Margin (2020-2025)

Table 56. North America Carbon-matrix Composite Production (K MT), Revenue (US\$ Million), Price (USD/MT) and Gross Margin (2020-2025)

Table 57. Europe Carbon-matrix Composite Production (K MT), Revenue (US\$ Million), Price (USD/MT) and Gross Margin (2020-2025)

Table 58. Japan Carbon-matrix Composite Production (K MT), Revenue (US\$ Million), Price (USD/MT) and Gross Margin (2020-2025)

Table 59. China Carbon-matrix Composite Production (K MT), Revenue (US\$ Million), Price (USD/MT) and Gross Margin (2020-2025)

Table 60. General Electric Company(U.S.) Basic Information

Table 61. General Electric Company(U.S.) Carbon-matrix Composite Product Overview

Table 62. General Electric Company(U.S.) Carbon-matrix Composite Sales (K MT), Revenue (M USD), Price (USD/MT) and Gross Margin (2020-2025)

Table 63. General Electric Company(U.S.) Business Overview

Table 64. General Electric Company(U.S.) SWOT Analysis

Table 65. General Electric Company(U.S.) Recent Developments

Table 66. Rolls-Royce Plc(U.S.) Basic Information
Table 67. Rolls-Royce Plc(U.S.) Carbon-matrix Composite Product Overview
Table 68. Rolls-Royce Plc(U.S.) Carbon-matrix Composite Sales (K MT), Revenue (M USD), Price (USD/MT) and Gross Margin (2020-2025)
Table 69. Rolls-Royce Plc(U.S.) Business Overview
Table 70. Rolls-Royce Plc(U.S.) SWOT Analysis
Table 71. Rolls-Royce Plc(U.S.) Recent Developments
Table 72. SGL Group(Germany) Basic Information
Table 73. SGL Group(Germany) Carbon-matrix Composite Product Overview
Table 74. SGL Group(Germany) Carbon-matrix Composite Sales (K MT), Revenue (M USD), Price (USD/MT) and Gross Margin (2020-2025)
Table 75. SGL Group(Germany) Business Overview
Table 76. SGL Group(Germany) SWOT Analysis
Table 77. SGL Group(Germany) Recent Developments
Table 78. COI Ceramics(U.S.) Basic Information
Table 79. COI Ceramics(U.S.) Carbon-matrix Composite Product Overview
Table 80. COI Ceramics(U.S.) Carbon-matrix Composite Sales (K MT), Revenue (M USD), Price (USD/MT) and Gross Margin (2020-2025)
Table 81. COI Ceramics(U.S.) Business Overview
Table 82. COI Ceramics(U.S.) Recent Developments
Table 83. United Technologies(U.S.) Basic Information
Table 84. United Technologies(U.S.) Carbon-matrix Composite Product Overview
Table 85. United Technologies(U.S.) Carbon-matrix Composite Sales (K MT), Revenue (M USD), Price (USD/MT) and Gross Margin (2020-2025)
Table 86. United Technologies(U.S.) Business Overview
Table 87. United Technologies(U.S.) Recent Developments
Table 88. CeramTec(Germany) Basic Information
Table 89. CeramTec(Germany) Carbon-matrix Composite Product Overview
Table 90. CeramTec(Germany) Carbon-matrix Composite Sales (K MT), Revenue (M USD), Price (USD/MT) and Gross Margin (2020-2025)
Table 91. CeramTec(Germany) Business Overview
Table 92. CeramTec(Germany) Recent Developments
Table 93. Lancer Systems(U.S.) Basic Information
Table 94. Lancer Systems(U.S.) Carbon-matrix Composite Product Overview
Table 95. Lancer Systems(U.S.) Carbon-matrix Composite Sales (K MT), Revenue (M USD), Price (USD/MT) and Gross Margin (2020-2025)
Table 96. Lancer Systems(U.S.) Business Overview
Table 97. Lancer Systems(U.S.) Recent Developments
Table 98. CoorsTek(U.S.) Basic Information

Table 99. CoorsTek(U.S.) Carbon-matrix Composite Product Overview
Table 100. CoorsTek(U.S.) Carbon-matrix Composite Sales (K MT), Revenue (M USD), Price (USD/MT) and Gross Margin (2020-2025)
Table 101. CoorsTek(U.S.) Business Overview
Table 102. CoorsTek(U.S.) Recent Developments
Table 103. Applied Thin Films(U.S.) Basic Information
Table 104. Applied Thin Films(U.S.) Carbon-matrix Composite Product Overview
Table 105. Applied Thin Films(U.S.) Carbon-matrix Composite Sales (K MT), Revenue (M USD), Price (USD/MT) and Gross Margin (2020-2025)
Table 106. Applied Thin Films(U.S.) Business Overview
Table 107. Applied Thin Films(U.S.) Recent Developments
Table 108. Ultramet(U.S.) Basic Information
Table 109. Ultramet(U.S.) Carbon-matrix Composite Product Overview
Table 110. Ultramet(U.S.) Carbon-matrix Composite Sales (K MT), Revenue (M USD), Price (USD/MT) and Gross Margin (2020-2025)
Table 111. Ultramet(U.S.) Business Overview
Table 112. Ultramet(U.S.) Recent Developments
Table 113. Global Carbon-matrix Composite Sales Forecast by Region (2026-2033) & (K MT)
Table 114. Global Carbon-matrix Composite Market Size Forecast by Region (2026-2033) & (M USD)
Table 115. North America Carbon-matrix Composite Sales Forecast by Country (2026-2033) & (K MT)
Table 116. North America Carbon-matrix Composite Market Size Forecast by Country (2026-2033) & (M USD)
Table 117. Europe Carbon-matrix Composite Sales Forecast by Country (2026-2033) & (K MT)
Table 118. Europe Carbon-matrix Composite Market Size Forecast by Country (2026-2033) & (M USD)
Table 119. Asia Pacific Carbon-matrix Composite Sales Forecast by Region (2026-2033) & (K MT)
Table 120. Asia Pacific Carbon-matrix Composite Market Size Forecast by Region (2026-2033) & (M USD)
Table 121. South America Carbon-matrix Composite Sales Forecast by Country (2026-2033) & (K MT)
Table 122. South America Carbon-matrix Composite Market Size Forecast by Country (2026-2033) & (M USD)
Table 123. Middle East and Africa Carbon-matrix Composite Sales Forecast by Country (2026-2033) & (Units)

Table 124. Middle East and Africa Carbon-matrix Composite Market Size Forecast by Country (2026-2033) & (M USD)

Table 125. Global Carbon-matrix Composite Sales Forecast by Type (2026-2033) & (K MT)

Table 126. Global Carbon-matrix Composite Market Size Forecast by Type (2026-2033) & (M USD)

Table 127. Global Carbon-matrix Composite Price Forecast by Type (2026-2033) & (USD/MT)

Table 128. Global Carbon-matrix Composite Sales (K MT) Forecast by Application (2026-2033)

Table 129. Global Carbon-matrix Composite Market Size Forecast by Application (2026-2033) & (M USD)

List of Figures

Figure 1. Product Picture of Carbon-matrix Composite

Figure 2. Data Triangulation

Figure 3. Key Caveats

Figure 4. Global Carbon-matrix Composite Market Size (M USD), 2024-2033

Figure 5. Global Carbon-matrix Composite Market Size (M USD) (2020-2033)

Figure 6. Global Carbon-matrix Composite Sales (K MT) & (2020-2033)

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-matrix Composite Market Size by Country (M USD)

Figure 11. Company Assessment Quadrant

Figure 12. Global Carbon-matrix Composite Product Life Cycle

Figure 13. Carbon-matrix Composite Sales Share by Manufacturers in 2024

Figure 14. Global Carbon-matrix Composite Revenue Share by Manufacturers in 2024

Figure 15. Carbon-matrix Composite Market Share by Company Type (Tier 1, Tier 2 and Tier 3): 2024

Figure 16. Global Market Carbon-matrix Composite Average Price (USD/MT) of Key Manufacturers in 2024

Figure 17. The Global 5 and 10 Largest Players: Market Share by Carbon-matrix Composite Revenue in 2024

Figure 18. Industry Chain Map of Carbon-matrix Composite

Figure 19. Global Carbon-matrix Composite Market PEST Analysis

Figure 20. Global Carbon-matrix Composite Market Porter's Five Forces Analysis

Figure 21. Global Merchandise Trade as a Percentage Of GDP

Figure 22. US - Imports of Goods by Country

Figure 23. China Exports by Country

- Figure 24. ESG Rating Distribution of The Leading Company Compared With Its Peers
- Figure 25. Evaluation Matrix of Segment Market Development Potential (Type)
- Figure 26. Global Carbon-matrix Composite Market Share by Type
- Figure 27. Sales Market Share of Carbon-matrix Composite by Type (2020-2025)
- Figure 28. Sales Market Share of Carbon-matrix Composite by Type in 2024
- Figure 29. Market Size Share of Carbon-matrix Composite by Type (2020-2025)
- Figure 30. Market Size Share of Carbon-matrix Composite by Type in 2024
- Figure 31. Evaluation Matrix of Segment Market Development Potential (Application)
- Figure 32. Global Carbon-matrix Composite Market Share by Application
- Figure 33. Global Carbon-matrix Composite Sales Market Share by Application (2020-2025)
- Figure 34. Global Carbon-matrix Composite Sales Market Share by Application in 2024
- Figure 35. Global Carbon-matrix Composite Market Share by Application (2020-2025)
- Figure 36. Global Carbon-matrix Composite Market Share by Application in 2024
- Figure 37. Global Carbon-matrix Composite Sales Growth Rate by Application (2020-2025)
- Figure 38. Global Carbon-matrix Composite Sales Market Share by Region (2020-2025)
- Figure 39. Global Carbon-matrix Composite Market Size Market Share by Region (2020-2025)
- Figure 40. North America Carbon-matrix Composite Sales and Growth Rate (2020-2025) & (K MT)
- Figure 41. North America Carbon-matrix Composite Sales and Growth Rate (2020-2025) & (K MT)
- Figure 42. North America Carbon-matrix Composite Sales Market Share by Country in 2024
- Figure 43. North America Carbon-matrix Composite Market Size and Growth Rate (2020-2025) & (M USD)
- Figure 44. North America Carbon-matrix Composite Market Size Market Share by Country in 2024
- Figure 45. U.S. Carbon-matrix Composite Sales and Growth Rate (2020-2025) & (K MT)
- Figure 46. U.S. Carbon-matrix Composite Market Size and Growth Rate (2020-2025) & (M USD)
- Figure 47. Canada Carbon-matrix Composite Sales (K MT) and Growth Rate (2020-2025)
- Figure 48. Canada Carbon-matrix Composite Market Size (M USD) and Growth Rate (2020-2025)
- Figure 49. Mexico Carbon-matrix Composite Sales (Units) and Growth Rate (2020-2025)

Figure 50. Mexico Carbon-matrix Composite Market Size (Units) and Growth Rate (2020-2025)

Figure 51. Europe Carbon-matrix Composite Sales and Growth Rate (2020-2025) & (K MT)

Figure 52. Europe Carbon-matrix Composite Sales Market Share by Country in 2024

Figure 53. Europe Carbon-matrix Composite Market Size and Growth Rate (2020-2025) & (M USD)

Figure 54. Europe Carbon-matrix Composite Market Size Market Share by Country in 2024

Figure 55. Germany Carbon-matrix Composite Sales and Growth Rate (2020-2025) & (K MT)

Figure 56. Germany Carbon-matrix Composite Market Size and Growth Rate (2020-2025) & (M USD)

Figure 57. France Carbon-matrix Composite Sales and Growth Rate (2020-2025) & (K MT)

Figure 58. France Carbon-matrix Composite Market Size and Growth Rate (2020-2025) & (M USD)

Figure 59. U.K. Carbon-matrix Composite Sales and Growth Rate (2020-2025) & (K MT)

Figure 60. U.K. Carbon-matrix Composite Market Size and Growth Rate (2020-2025) & (M USD)

Figure 61. Italy Carbon-matrix Composite Sales and Growth Rate (2020-2025) & (K MT)

Figure 62. Italy Carbon-matrix Composite Market Size and Growth Rate (2020-2025) & (M USD)

Figure 63. Spain Carbon-matrix Composite Sales and Growth Rate (2020-2025) & (K MT)

Figure 64. Spain Carbon-matrix Composite Market Size and Growth Rate (2020-2025) & (M USD)

Figure 65. Asia Pacific Carbon-matrix Composite Sales and Growth Rate (K MT)

Figure 66. Asia Pacific Carbon-matrix Composite Sales Market Share by Region in 2024

Figure 67. Asia Pacific Carbon-matrix Composite Market Size Market Share by Region in 2024

Figure 68. China Carbon-matrix Composite Sales and Growth Rate (2020-2025) & (K MT)

Figure 69. China Carbon-matrix Composite Market Size and Growth Rate (2020-2025) & (M USD)

Figure 70. Japan Carbon-matrix Composite Sales and Growth Rate (2020-2025) & (K MT)

Figure 71. Japan Carbon-matrix Composite Market Size and Growth Rate (2020-2025) & (M USD)

Figure 72. South Korea Carbon-matrix Composite Sales and Growth Rate (2020-2025) & (K MT)

Figure 73. South Korea Carbon-matrix Composite Market Size and Growth Rate (2020-2025) & (M USD)

Figure 74. India Carbon-matrix Composite Sales and Growth Rate (2020-2025) & (K MT)

Figure 75. India Carbon-matrix Composite Market Size and Growth Rate (2020-2025) & (M USD)

Figure 76. Southeast Asia Carbon-matrix Composite Sales and Growth Rate (2020-2025) & (K MT)

Figure 77. Southeast Asia Carbon-matrix Composite Market Size and Growth Rate (2020-2025) & (M USD)

Figure 78. South America Carbon-matrix Composite Sales and Growth Rate (K MT)

Figure 79. South America Carbon-matrix Composite Sales Market Share by Country in 2024

Figure 80. South America Carbon-matrix Composite Market Size and Growth Rate (M USD)

Figure 81. South America Carbon-matrix Composite Market Size Market Share by Country in 2024

Figure 82. Brazil Carbon-matrix Composite Sales and Growth Rate (2020-2025) & (K MT)

Figure 83. Brazil Carbon-matrix Composite Market Size and Growth Rate (2020-2025) & (M USD)

Figure 84. Argentina Carbon-matrix Composite Sales and Growth Rate (2020-2025) & (K MT)

Figure 85. Argentina Carbon-matrix Composite Market Size and Growth Rate (2020-2025) & (M USD)

Figure 86. Columbia Carbon-matrix Composite Sales and Growth Rate (2020-2025) & (K MT)

Figure 87. Columbia Carbon-matrix Composite Market Size and Growth Rate (2020-2025) & (M USD)

Figure 88. Middle East and Africa Carbon-matrix Composite Sales and Growth Rate (K MT)

Figure 89. Middle East and Africa Carbon-matrix Composite Sales Market Share by Region in 2024

Figure 90. Middle East and Africa Carbon-matrix Composite Market Size and Growth Rate (M USD)

Figure 91. Middle East and Africa Carbon-matrix Composite Market Size Market Share by Region in 2024

Figure 92. Saudi Arabia Carbon-matrix Composite Sales and Growth Rate (2020-2025) & (K MT)

Figure 93. Saudi Arabia Carbon-matrix Composite Market Size and Growth Rate (2020-2025) & (M USD)

Figure 94. UAE Carbon-matrix Composite Sales and Growth Rate (2020-2025) & (K MT)

Figure 95. UAE Carbon-matrix Composite Market Size and Growth Rate (2020-2025) & (M USD)

Figure 96. Egypt Carbon-matrix Composite Sales and Growth Rate (2020-2025) & (K MT)

Figure 97. Egypt Carbon-matrix Composite Market Size and Growth Rate (2020-2025) & (M USD)

Figure 98. Nigeria Carbon-matrix Composite Sales and Growth Rate (2020-2025) & (K MT)

Figure 99. Nigeria Carbon-matrix Composite Market Size and Growth Rate (2020-2025) & (M USD)

Figure 100. South Africa Carbon-matrix Composite Sales and Growth Rate (2020-2025) & (K MT)

Figure 101. South Africa Carbon-matrix Composite Market Size and Growth Rate (2020-2025) & (M USD)

Figure 102. Global Carbon-matrix Composite Production Market Share by Region (2020-2025)

Figure 103. North America Carbon-matrix Composite Production (K MT) Growth Rate (2020-2025)

Figure 104. Europe Carbon-matrix Composite Production (K MT) Growth Rate (2020-2025)

Figure 105. Japan Carbon-matrix Composite Production (K MT) Growth Rate (2020-2025)

Figure 106. China Carbon-matrix Composite Production (K MT) Growth Rate (2020-2025)

Figure 107. Global Carbon-matrix Composite Sales Forecast by Volume (2020-2033) & (K MT)

Figure 108. Global Carbon-matrix Composite Market Size Forecast by Value (2020-2033) & (M USD)

Figure 109. Global Carbon-matrix Composite Sales Market Share Forecast by Type (2026-2033)

Figure 110. Global Carbon-matrix Composite Market Share Forecast by Type

(2026-2033)

Figure 111. Global Carbon-matrix Composite Sales Forecast by Application

(2026-2033)

Figure 112. Global Carbon-matrix Composite Market Share Forecast by Application

(2026-2033)

I would like to order

Product name: Global Carbon-matrix Composite Market Research Report 2025(Status and Outlook)

Product link: <https://marketpublishers.com/r/GF9BC98AC7F7EN.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/GF9BC98AC7F7EN.html>