

Global Carbon Fiber Reinforcements Supply, Demand and Key Producers, 2026-2032

<https://marketpublishers.com/r/G26FCFE2C4F2EN.html>

Date: July 2026

Pages: 155

Price: US\$ 4,480.00 (Single User License)

ID: G26FCFE2C4F2EN

Abstracts

The global Carbon Fiber Reinforcements market size is expected to reach \$ 8352 million by 2032, rising at a market growth of 13.0% CAGR during the forecast period (2026-2032).

Carbon Fiber Reinforcements refer to carbon-fiber-based reinforcing materials used as the load-bearing phase in composite structures. They are not limited to one product form, but usually include continuous tow, woven fabrics, unidirectional fabrics, non-crimp fabrics, braided materials, tapes, mats, chopped fibers and prepreg reinforcements. Their core function is to provide high strength, high stiffness, low weight, fatigue resistance and dimensional stability after being combined with resin, carbon, ceramic or other matrix systems. In industry usage, Carbon Fiber Reinforcements are often discussed together with fabrics and prepreps because these are the main intermediate forms used before final composite part manufacturing.

In 2025, global sales of Carbon Fiber Reinforcements reached approximately 161 K tons, with an average global market price of around US\$ 22/kg. Production capacity varies significantly among manufacturers, with gross profit margins ranging from approximately 30% to 60%.

Carbon Fiber Reinforcements occupy a key position between carbon fiber production and composite part manufacturing. Their demand depends on downstream composite penetration, not only on carbon fiber output. Compared with carbon fiber tow alone, reinforcements are closer to customers' manufacturing processes, and their value lies in fiber orientation design, fabric architecture, layup efficiency, resin impregnation and forming stability. Therefore, aerospace, advanced equipment, pressure vessels, wind power, automotive lightweighting and sporting goods are important demand sources.

The market outlook for Carbon Fiber Reinforcements remains positive. Lightweighting, energy efficiency, high-strength structural design, corrosion resistance and longer service life are the main drivers of application growth. With the development of automated layup, fast curing, thermoplastic composites, multiaxial fabrics and spread-tow fabrics, Carbon Fiber Reinforcements are moving from traditional premium markets into broader industrial applications. For downstream customers, material selection is no longer based only on fiber strength; processing efficiency, supply stability and overall cost performance are becoming increasingly important.

From a competitive perspective, the main barriers in Carbon Fiber Reinforcements include fiber quality, textile and layup design capability, resin or sizing compatibility, defect control, customer qualification and application development experience. The market is expected to become more segmented. Aerospace and high-reliability industrial markets will focus more on certification capability and batch consistency, while automotive, wind power, construction and general industrial markets will pay more attention to cost efficiency, scalable supply and compatibility with automated forming. Overall, competition will gradually shift from simple material supply toward material design, process coordination and downstream solution capability.

This report studies the global Carbon Fiber Reinforcements production, demand, key manufacturers, and key regions.

This report is a detailed and comprehensive analysis of the world market for Carbon Fiber Reinforcements and provides market size (US\$ million) and Year-over-Year (YoY) Growth, considering 2025 as the base year. This report explores demand trends and competition, as well as details the characteristics of Carbon Fiber Reinforcements that contribute to its increasing demand across many markets.

Highlights and key features of the study

Global Carbon Fiber Reinforcements total production and demand, 2021-2032, (Tons)

Global Carbon Fiber Reinforcements total production value, 2021-2032, (USD Million)

Global Carbon Fiber Reinforcements production by region & country, production, value, CAGR, 2021-2032, (USD Million) & (Tons), (based on production site)

Global Carbon Fiber Reinforcements consumption by region & country, CAGR, 2021-2032 & (Tons)

U.S. VS China: Carbon Fiber Reinforcements domestic production, consumption, key domestic manufacturers and share

Global Carbon Fiber Reinforcements production by manufacturer, production, price,

value and market share 2021-2026, (USD Million) & (Tons)

Global Carbon Fiber Reinforcements production by Type, production, value, CAGR, 2021-2032, (USD Million) & (Tons)

Global Carbon Fiber Reinforcements production by Application, production, value, CAGR, 2021-2032, (USD Million) & (Tons)

This report profiles key players in the global Carbon Fiber Reinforcements market based on the following parameters - company overview, production, value, price, gross margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include Toray, Mitsubishi Chemical, Teijin, Hexcel, Hyosung Advanced Materials, SGL Carbon, Formosa Plastics, Aksa Carbon, Syensqo, UMATEX, etc.

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

Stakeholders would have ease in decision-making through various strategy matrices used in analyzing the World Carbon Fiber Reinforcements market

Detailed Segmentation:

Each section contains quantitative market data including market by value (US\$ Millions), volume (production, consumption) & (Tons) and average price (US\$/kg) by manufacturer, by Type, and by Application. Data is given for the years 2021-2032 by year with 2025 as the base year, 2026 as the estimate year, and 2027-2032 as the forecast year.

Global Carbon Fiber Reinforcements Market, By Region:

United States

China

Europe

Japan

South Korea

ASEAN

India

Rest of World

Global Carbon Fiber Reinforcements Market, Segmentation by Type:

Regular Tow

Large Tow

Global Carbon Fiber Reinforcements Market, Segmentation by Precursor:

PAN-based

Pitch-based

Rayon-based

Global Carbon Fiber Reinforcements Market, Segmentation by Tow:

3K

6K

12K

24K

48K

Other

Global Carbon Fiber Reinforcements Market, Segmentation by Application:

Aerospace and Defense

Sports/Leisure

Wind Energy

Pressure Vessel

Automotive

Other

Companies Profiled:

Toray

Mitsubishi Chemical

Teijin

Hexcel

Hyosung Advanced Materials

SGL Carbon

Formosa Plastics

Aksa Carbon

Syensqo

UMATEX

Taekwang Industrial

Zhongfu Shenying

Jilin Chemical Fiber

Baowu Carbon

Weihai Guangwei Composites

Sinofibers Technology

Jiangsu Hengshen

Newtech Group

Key Questions Answered:

1. How big is the global Carbon Fiber Reinforcements market?
2. What is the demand of the global Carbon Fiber Reinforcements market?
3. What is the year over year growth of the global Carbon Fiber Reinforcements market?
4. What is the production and production value of the global Carbon Fiber Reinforcements market?
5. Who are the key producers in the global Carbon Fiber Reinforcements market?
6. What are the growth factors driving the market demand?

Contents

1 SUPPLY SUMMARY

- 1.1 Carbon Fiber Reinforcements Introduction
- 1.2 World Carbon Fiber Reinforcements Supply & Forecast
 - 1.2.1 World Carbon Fiber Reinforcements Production Value (2021 & 2025 & 2032)
 - 1.2.2 World Carbon Fiber Reinforcements Production (2021-2032)
 - 1.2.3 World Carbon Fiber Reinforcements Pricing Trends (2021-2032)
- 1.3 World Carbon Fiber Reinforcements Production by Region (Based on Production Site)
 - 1.3.1 World Carbon Fiber Reinforcements Production Value by Region (2021-2032)
 - 1.3.2 World Carbon Fiber Reinforcements Production by Region (2021-2032)
 - 1.3.3 World Carbon Fiber Reinforcements Average Price by Region (2021-2032)
 - 1.3.4 North America Carbon Fiber Reinforcements Production (2021-2032)
 - 1.3.5 Europe Carbon Fiber Reinforcements Production (2021-2032)
 - 1.3.6 China Carbon Fiber Reinforcements Production (2021-2032)
 - 1.3.7 Japan Carbon Fiber Reinforcements Production (2021-2032)
- 1.4 Market Drivers, Restraints and Trends
 - 1.4.1 Carbon Fiber Reinforcements Market Drivers
 - 1.4.2 Factors Affecting Demand
 - 1.4.3 Carbon Fiber Reinforcements Major Market Trends

2 DEMAND SUMMARY

- 2.1 World Carbon Fiber Reinforcements Demand (2021-2032)
- 2.2 World Carbon Fiber Reinforcements Consumption by Region
 - 2.2.1 World Carbon Fiber Reinforcements Consumption by Region (2021-2026)
 - 2.2.2 World Carbon Fiber Reinforcements Consumption Forecast by Region (2027-2032)
- 2.3 United States Carbon Fiber Reinforcements Consumption (2021-2032)
- 2.4 China Carbon Fiber Reinforcements Consumption (2021-2032)
- 2.5 Europe Carbon Fiber Reinforcements Consumption (2021-2032)
- 2.6 Japan Carbon Fiber Reinforcements Consumption (2021-2032)
- 2.7 South Korea Carbon Fiber Reinforcements Consumption (2021-2032)
- 2.8 ASEAN Carbon Fiber Reinforcements Consumption (2021-2032)
- 2.9 India Carbon Fiber Reinforcements Consumption (2021-2032)

3 WORLD MANUFACTURERS COMPETITIVE ANALYSIS

- 3.1 World Carbon Fiber Reinforcements Production Value by Manufacturer (2021-2026)
- 3.2 World Carbon Fiber Reinforcements Production by Manufacturer (2021-2026)
- 3.3 World Carbon Fiber Reinforcements Average Price by Manufacturer (2021-2026)
- 3.4 Carbon Fiber Reinforcements Company Evaluation Quadrant
- 3.5 Industry Rank and Concentration Rate (CR)
 - 3.5.1 Global Carbon Fiber Reinforcements Industry Rank of Major Manufacturers
 - 3.5.2 Global Concentration Ratios (CR4) for Carbon Fiber Reinforcements in 2025
 - 3.5.3 Global Concentration Ratios (CR8) for Carbon Fiber Reinforcements in 2025
- 3.6 Carbon Fiber Reinforcements Market: Overall Company Footprint Analysis
 - 3.6.1 Carbon Fiber Reinforcements Market: Region Footprint
 - 3.6.2 Carbon Fiber Reinforcements Market: Company Product Type Footprint
 - 3.6.3 Carbon Fiber Reinforcements Market: Company Product Application Footprint
- 3.7 Competitive Environment
 - 3.7.1 Historical Structure of the Industry
 - 3.7.2 Barriers of Market Entry
 - 3.7.3 Factors of Competition
- 3.8 New Entrant and Capacity Expansion Plans
- 3.9 Mergers, Acquisition, Agreements, and Collaborations

4 UNITED STATES VS CHINA VS REST OF THE WORLD

- 4.1 United States VS China: Carbon Fiber Reinforcements Production Value Comparison
 - 4.1.1 United States VS China: Carbon Fiber Reinforcements Production Value Comparison (2021 & 2025 & 2032)
 - 4.1.2 United States VS China: Carbon Fiber Reinforcements Production Value Market Share Comparison (2021 & 2025 & 2032)
- 4.2 United States VS China: Carbon Fiber Reinforcements Production Comparison
 - 4.2.1 United States VS China: Carbon Fiber Reinforcements Production Comparison (2021 & 2025 & 2032)
 - 4.2.2 United States VS China: Carbon Fiber Reinforcements Production Market Share Comparison (2021 & 2025 & 2032)
- 4.3 United States VS China: Carbon Fiber Reinforcements Consumption Comparison
 - 4.3.1 United States VS China: Carbon Fiber Reinforcements Consumption Comparison (2021 & 2025 & 2032)
 - 4.3.2 United States VS China: Carbon Fiber Reinforcements Consumption Market Share Comparison (2021 & 2025 & 2032)
- 4.4 United States Based Carbon Fiber Reinforcements Manufacturers and Market

Share, 2021-2026

4.4.1 United States Based Carbon Fiber Reinforcements Manufacturers, Headquarters and Production Site (States, Country)

4.4.2 United States Based Manufacturers Carbon Fiber Reinforcements Production Value (2021-2026)

4.4.3 United States Based Manufacturers Carbon Fiber Reinforcements Production (2021-2026)

4.5 China Based Carbon Fiber Reinforcements Manufacturers and Market Share

4.5.1 China Based Carbon Fiber Reinforcements Manufacturers, Headquarters and Production Site (Province, Country)

4.5.2 China Based Manufacturers Carbon Fiber Reinforcements Production Value (2021-2026)

4.5.3 China Based Manufacturers Carbon Fiber Reinforcements Production (2021-2026)

4.6 Rest of World Based Carbon Fiber Reinforcements Manufacturers and Market Share, 2021-2026

4.6.1 Rest of World Based Carbon Fiber Reinforcements Manufacturers, Headquarters and Production Site (State, Country)

4.6.2 Rest of World Based Manufacturers Carbon Fiber Reinforcements Production Value (2021-2026)

4.6.3 Rest of World Based Manufacturers Carbon Fiber Reinforcements Production (2021-2026)

5 MARKET ANALYSIS BY TYPE

5.1 World Carbon Fiber Reinforcements Market Size Overview by Type: 2021 VS 2025 VS 2032

5.2 Segment Introduction by Type

5.2.1 Regular Tow

5.2.2 Large Tow

5.3 Market Segment by Type

5.3.1 World Carbon Fiber Reinforcements Production by Type (2021-2032)

5.3.2 World Carbon Fiber Reinforcements Production Value by Type (2021-2032)

5.3.3 World Carbon Fiber Reinforcements Average Price by Type (2021-2032)

6 MARKET ANALYSIS BY PRECURSOR

6.1 World Carbon Fiber Reinforcements Market Size Overview by Precursor: 2021 VS 2025 VS 2032

6.2 Segment Introduction by Precursor

6.2.1 PAN-based

6.2.2 Pitch-based

6.2.3 Rayon-based

6.3 Market Segment by Precursor

6.3.1 World Carbon Fiber Reinforcements Production by Precursor (2021-2032)

6.3.2 World Carbon Fiber Reinforcements Production Value by Precursor (2021-2032)

6.3.3 World Carbon Fiber Reinforcements Average Price by Precursor (2021-2032)

7 MARKET ANALYSIS BY TOW

7.1 World Carbon Fiber Reinforcements Market Size Overview by Tow: 2021 VS 2025 VS 2032

7.2 Segment Introduction by Tow

7.2.1 3K

7.2.2 6K

7.2.3 12K

7.2.4 24K

7.2.5 48K

7.2.6 Other

7.3 Market Segment by Tow

7.3.1 World Carbon Fiber Reinforcements Production by Tow (2021-2032)

7.3.2 World Carbon Fiber Reinforcements Production Value by Tow (2021-2032)

7.3.3 World Carbon Fiber Reinforcements Average Price by Tow (2021-2032)

8 MARKET ANALYSIS BY APPLICATION

8.1 World Carbon Fiber Reinforcements Market Size Overview by Application: 2021 VS 2025 VS 2032

8.2 Segment Introduction by Application

8.2.1 Aerospace and Defense

8.2.2 Sports/Leisure

8.2.3 Wind Energy

8.2.4 Pressure Vessel

8.2.5 Automotive

8.2.6 Other

8.3 Market Segment by Application

8.3.1 World Carbon Fiber Reinforcements Production by Application (2021-2032)

8.3.2 World Carbon Fiber Reinforcements Production Value by Application

(2021-2032)

8.3.3 World Carbon Fiber Reinforcements Average Price by Application (2021-2032)

9 COMPANY PROFILES

9.1 Toray

9.1.1 Toray Details

9.1.2 Toray Major Business

9.1.3 Toray Carbon Fiber Reinforcements Product and Services

9.1.4 Toray Carbon Fiber Reinforcements Production, Price, Value, Gross Margin and Market Share (2021-2026)

9.1.5 Toray Recent Developments/Updates

9.1.6 Toray Competitive Strengths & Weaknesses

9.2 Mitsubishi Chemical

9.2.1 Mitsubishi Chemical Details

9.2.2 Mitsubishi Chemical Major Business

9.2.3 Mitsubishi Chemical Carbon Fiber Reinforcements Product and Services

9.2.4 Mitsubishi Chemical Carbon Fiber Reinforcements Production, Price, Value, Gross Margin and Market Share (2021-2026)

9.2.5 Mitsubishi Chemical Recent Developments/Updates

9.2.6 Mitsubishi Chemical Competitive Strengths & Weaknesses

9.3 Teijin

9.3.1 Teijin Details

9.3.2 Teijin Major Business

9.3.3 Teijin Carbon Fiber Reinforcements Product and Services

9.3.4 Teijin Carbon Fiber Reinforcements Production, Price, Value, Gross Margin and Market Share (2021-2026)

9.3.5 Teijin Recent Developments/Updates

9.3.6 Teijin Competitive Strengths & Weaknesses

9.4 Hexcel

9.4.1 Hexcel Details

9.4.2 Hexcel Major Business

9.4.3 Hexcel Carbon Fiber Reinforcements Product and Services

9.4.4 Hexcel Carbon Fiber Reinforcements Production, Price, Value, Gross Margin and Market Share (2021-2026)

9.4.5 Hexcel Recent Developments/Updates

9.4.6 Hexcel Competitive Strengths & Weaknesses

9.5 Hyosung Advanced Materials

9.5.1 Hyosung Advanced Materials Details

- 9.5.2 Hyosung Advanced Materials Major Business
- 9.5.3 Hyosung Advanced Materials Carbon Fiber Reinforcements Product and Services
- 9.5.4 Hyosung Advanced Materials Carbon Fiber Reinforcements Production, Price, Value, Gross Margin and Market Share (2021-2026)
- 9.5.5 Hyosung Advanced Materials Recent Developments/Updates
- 9.5.6 Hyosung Advanced Materials Competitive Strengths & Weaknesses
- 9.6 SGL Carbon
 - 9.6.1 SGL Carbon Details
 - 9.6.2 SGL Carbon Major Business
 - 9.6.3 SGL Carbon Carbon Fiber Reinforcements Product and Services
 - 9.6.4 SGL Carbon Carbon Fiber Reinforcements Production, Price, Value, Gross Margin and Market Share (2021-2026)
 - 9.6.5 SGL Carbon Recent Developments/Updates
 - 9.6.6 SGL Carbon Competitive Strengths & Weaknesses
- 9.7 Formosa Plastics
 - 9.7.1 Formosa Plastics Details
 - 9.7.2 Formosa Plastics Major Business
 - 9.7.3 Formosa Plastics Carbon Fiber Reinforcements Product and Services
 - 9.7.4 Formosa Plastics Carbon Fiber Reinforcements Production, Price, Value, Gross Margin and Market Share (2021-2026)
 - 9.7.5 Formosa Plastics Recent Developments/Updates
 - 9.7.6 Formosa Plastics Competitive Strengths & Weaknesses
- 9.8 Aksa Carbon
 - 9.8.1 Aksa Carbon Details
 - 9.8.2 Aksa Carbon Major Business
 - 9.8.3 Aksa Carbon Carbon Fiber Reinforcements Product and Services
 - 9.8.4 Aksa Carbon Carbon Fiber Reinforcements Production, Price, Value, Gross Margin and Market Share (2021-2026)
 - 9.8.5 Aksa Carbon Recent Developments/Updates
 - 9.8.6 Aksa Carbon Competitive Strengths & Weaknesses
- 9.9 Syensqo
 - 9.9.1 Syensqo Details
 - 9.9.2 Syensqo Major Business
 - 9.9.3 Syensqo Carbon Fiber Reinforcements Product and Services
 - 9.9.4 Syensqo Carbon Fiber Reinforcements Production, Price, Value, Gross Margin and Market Share (2021-2026)
 - 9.9.5 Syensqo Recent Developments/Updates
 - 9.9.6 Syensqo Competitive Strengths & Weaknesses

9.10 UMATEx

9.10.1 UMATEx Details

9.10.2 UMATEx Major Business

9.10.3 UMATEx Carbon Fiber Reinforcements Product and Services

9.10.4 UMATEx Carbon Fiber Reinforcements Production, Price, Value, Gross Margin and Market Share (2021-2026)

9.10.5 UMATEx Recent Developments/Updates

9.10.6 UMATEx Competitive Strengths & Weaknesses

9.11 Taekwang Industrial

9.11.1 Taekwang Industrial Details

9.11.2 Taekwang Industrial Major Business

9.11.3 Taekwang Industrial Carbon Fiber Reinforcements Product and Services

9.11.4 Taekwang Industrial Carbon Fiber Reinforcements Production, Price, Value, Gross Margin and Market Share (2021-2026)

9.11.5 Taekwang Industrial Recent Developments/Updates

9.11.6 Taekwang Industrial Competitive Strengths & Weaknesses

9.12 Zhongfu Shenying

9.12.1 Zhongfu Shenying Details

9.12.2 Zhongfu Shenying Major Business

9.12.3 Zhongfu Shenying Carbon Fiber Reinforcements Product and Services

9.12.4 Zhongfu Shenying Carbon Fiber Reinforcements Production, Price, Value, Gross Margin and Market Share (2021-2026)

9.12.5 Zhongfu Shenying Recent Developments/Updates

9.12.6 Zhongfu Shenying Competitive Strengths & Weaknesses

9.13 Jilin Chemical Fiber

9.13.1 Jilin Chemical Fiber Details

9.13.2 Jilin Chemical Fiber Major Business

9.13.3 Jilin Chemical Fiber Carbon Fiber Reinforcements Product and Services

9.13.4 Jilin Chemical Fiber Carbon Fiber Reinforcements Production, Price, Value, Gross Margin and Market Share (2021-2026)

9.13.5 Jilin Chemical Fiber Recent Developments/Updates

9.13.6 Jilin Chemical Fiber Competitive Strengths & Weaknesses

9.14 Baowu Carbon

9.14.1 Baowu Carbon Details

9.14.2 Baowu Carbon Major Business

9.14.3 Baowu Carbon Carbon Fiber Reinforcements Product and Services

9.14.4 Baowu Carbon Carbon Fiber Reinforcements Production, Price, Value, Gross Margin and Market Share (2021-2026)

9.14.5 Baowu Carbon Recent Developments/Updates

- 9.14.6 Baowu Carbon Competitive Strengths & Weaknesses
- 9.15 Weihai Guangwei Composites
 - 9.15.1 Weihai Guangwei Composites Details
 - 9.15.2 Weihai Guangwei Composites Major Business
 - 9.15.3 Weihai Guangwei Composites Carbon Fiber Reinforcements Product and Services
 - 9.15.4 Weihai Guangwei Composites Carbon Fiber Reinforcements Production, Price, Value, Gross Margin and Market Share (2021-2026)
 - 9.15.5 Weihai Guangwei Composites Recent Developments/Updates
 - 9.15.6 Weihai Guangwei Composites Competitive Strengths & Weaknesses
- 9.16 Sinofibers Technology
 - 9.16.1 Sinofibers Technology Details
 - 9.16.2 Sinofibers Technology Major Business
 - 9.16.3 Sinofibers Technology Carbon Fiber Reinforcements Product and Services
 - 9.16.4 Sinofibers Technology Carbon Fiber Reinforcements Production, Price, Value, Gross Margin and Market Share (2021-2026)
 - 9.16.5 Sinofibers Technology Recent Developments/Updates
 - 9.16.6 Sinofibers Technology Competitive Strengths & Weaknesses
- 9.17 Jiangsu Hengshen
 - 9.17.1 Jiangsu Hengshen Details
 - 9.17.2 Jiangsu Hengshen Major Business
 - 9.17.3 Jiangsu Hengshen Carbon Fiber Reinforcements Product and Services
 - 9.17.4 Jiangsu Hengshen Carbon Fiber Reinforcements Production, Price, Value, Gross Margin and Market Share (2021-2026)
 - 9.17.5 Jiangsu Hengshen Recent Developments/Updates
 - 9.17.6 Jiangsu Hengshen Competitive Strengths & Weaknesses
- 9.18 Newtech Group
 - 9.18.1 Newtech Group Details
 - 9.18.2 Newtech Group Major Business
 - 9.18.3 Newtech Group Carbon Fiber Reinforcements Product and Services
 - 9.18.4 Newtech Group Carbon Fiber Reinforcements Production, Price, Value, Gross Margin and Market Share (2021-2026)
 - 9.18.5 Newtech Group Recent Developments/Updates
 - 9.18.6 Newtech Group Competitive Strengths & Weaknesses

10 INDUSTRY CHAIN ANALYSIS

- 10.1 Carbon Fiber Reinforcements Industry Chain
- 10.2 Carbon Fiber Reinforcements Upstream Analysis

- 10.2.1 Carbon Fiber Reinforcements Core Raw Materials
- 10.2.2 Main Manufacturers of Carbon Fiber Reinforcements Core Raw Materials
- 10.3 Midstream Analysis
- 10.4 Downstream Analysis
- 10.5 Carbon Fiber Reinforcements Production Mode
- 10.6 Carbon Fiber Reinforcements Procurement Model
- 10.7 Carbon Fiber Reinforcements Industry Sales Model and Sales Channels
 - 10.7.1 Carbon Fiber Reinforcements Sales Model
 - 10.7.2 Carbon Fiber Reinforcements Typical Distributors

11 RESEARCH FINDINGS AND CONCLUSION

12 APPENDIX

- 12.1 Methodology
- 12.2 Research Process and Data Source
- 12.3 Disclaimer

List Of Tables

LIST OF TABLES

Table 1. World Carbon Fiber Reinforcements Production Value by Region (2021, 2025 and 2032) & (USD Million)

Table 2. World Carbon Fiber Reinforcements Production Value by Region (2021-2026) & (USD Million)

Table 3. World Carbon Fiber Reinforcements Production Value by Region (2027-2032) & (USD Million)

Table 4. World Carbon Fiber Reinforcements Production Value Market Share by Region (2021-2026)

Table 5. World Carbon Fiber Reinforcements Production Value Market Share by Region (2027-2032)

Table 6. World Carbon Fiber Reinforcements Production by Region (2021-2026) & (Tons)

Table 7. World Carbon Fiber Reinforcements Production by Region (2027-2032) & (Tons)

Table 8. World Carbon Fiber Reinforcements Production Market Share by Region (2021-2026)

Table 9. World Carbon Fiber Reinforcements Production Market Share by Region (2027-2032)

Table 10. World Carbon Fiber Reinforcements Average Price by Region (2021-2026) & (US\$/kg)

Table 11. World Carbon Fiber Reinforcements Average Price by Region (2027-2032) & (US\$/kg)

Table 12. Carbon Fiber Reinforcements Major Market Trends

Table 13. World Carbon Fiber Reinforcements Consumption Growth Rate Forecast by Region (2021 & 2025 & 2032) & (Tons)

Table 14. World Carbon Fiber Reinforcements Consumption by Region (2021-2026) & (Tons)

Table 15. World Carbon Fiber Reinforcements Consumption Forecast by Region (2027-2032) & (Tons)

Table 16. World Carbon Fiber Reinforcements Production Value by Manufacturer (2021-2026) & (USD Million)

Table 17. Production Value Market Share of Key Carbon Fiber Reinforcements Producers in 2025

Table 18. World Carbon Fiber Reinforcements Production by Manufacturer (2021-2026) & (Tons)

Table 19. Production Market Share of Key Carbon Fiber Reinforcements Producers in 2025

Table 20. World Carbon Fiber Reinforcements Average Price by Manufacturer (2021-2026) & (US\$/kg)

Table 21. Global Carbon Fiber Reinforcements Company Evaluation Quadrant

Table 22. World Carbon Fiber Reinforcements Industry Rank of Major Manufacturers, Based on Production Value in 2025

Table 23. Head Office and Carbon Fiber Reinforcements Production Site of Key Manufacturer

Table 24. Carbon Fiber Reinforcements Market: Company Product Type Footprint

Table 25. Carbon Fiber Reinforcements Market: Company Product Application Footprint

Table 26. Carbon Fiber Reinforcements Competitive Factors

Table 27. Carbon Fiber Reinforcements New Entrant and Capacity Expansion Plans

Table 28. Carbon Fiber Reinforcements Mergers & Acquisitions Activity

Table 29. United States VS China Carbon Fiber Reinforcements Production Value Comparison, (2021 & 2025 & 2032) & (USD Million)

Table 30. United States VS China Carbon Fiber Reinforcements Production Comparison, (2021 & 2025 & 2032) & (Tons)

Table 31. United States VS China Carbon Fiber Reinforcements Consumption Comparison, (2021 & 2025 & 2032) & (Tons)

Table 32. United States Based Carbon Fiber Reinforcements Manufacturers, Headquarters and Production Site (States, Country)

Table 33. United States Based Manufacturers Carbon Fiber Reinforcements Production Value, (2021-2026) & (USD Million)

Table 34. United States Based Manufacturers Carbon Fiber Reinforcements Production Value Market Share (2021-2026)

Table 35. United States Based Manufacturers Carbon Fiber Reinforcements Production (2021-2026) & (Tons)

Table 36. United States Based Manufacturers Carbon Fiber Reinforcements Production Market Share (2021-2026)

Table 37. China Based Carbon Fiber Reinforcements Manufacturers, Headquarters and Production Site (Province, Country)

Table 38. China Based Manufacturers Carbon Fiber Reinforcements Production Value, (2021-2026) & (USD Million)

Table 39. China Based Manufacturers Carbon Fiber Reinforcements Production Value Market Share (2021-2026)

Table 40. China Based Manufacturers Carbon Fiber Reinforcements Production, (2021-2026) & (Tons)

Table 41. China Based Manufacturers Carbon Fiber Reinforcements Production Market

Share (2021-2026)

Table 42. Rest of World Based Carbon Fiber Reinforcements Manufacturers, Headquarters and Production Site (State, Country)

Table 43. Rest of World Based Manufacturers Carbon Fiber Reinforcements Production Value, (2021-2026) & (USD Million)

Table 44. Rest of World Based Manufacturers Carbon Fiber Reinforcements Production Value Market Share (2021-2026)

Table 45. Rest of World Based Manufacturers Carbon Fiber Reinforcements Production, (2021-2026) & (Tons)

Table 46. Rest of World Based Manufacturers Carbon Fiber Reinforcements Production Market Share (2021-2026)

Table 47. World Carbon Fiber Reinforcements Production Value by Type, (USD Million), 2021 & 2025 & 2032

Table 48. World Carbon Fiber Reinforcements Production by Type (2021-2026) & (Tons)

Table 49. World Carbon Fiber Reinforcements Production by Type (2027-2032) & (Tons)

Table 50. World Carbon Fiber Reinforcements Production Value by Type (2021-2026) & (USD Million)

Table 51. World Carbon Fiber Reinforcements Production Value by Type (2027-2032) & (USD Million)

Table 52. World Carbon Fiber Reinforcements Average Price by Type (2021-2026) & (US\$/kg)

Table 53. World Carbon Fiber Reinforcements Average Price by Type (2027-2032) & (US\$/kg)

Table 54. World Carbon Fiber Reinforcements Production Value by Precursor, (USD Million), 2021 & 2025 & 2032

Table 55. World Carbon Fiber Reinforcements Production by Precursor (2021-2026) & (Tons)

Table 56. World Carbon Fiber Reinforcements Production by Precursor (2027-2032) & (Tons)

Table 57. World Carbon Fiber Reinforcements Production Value by Precursor (2021-2026) & (USD Million)

Table 58. World Carbon Fiber Reinforcements Production Value by Precursor (2027-2032) & (USD Million)

Table 59. World Carbon Fiber Reinforcements Average Price by Precursor (2021-2026) & (US\$/kg)

Table 60. World Carbon Fiber Reinforcements Average Price by Precursor (2027-2032) & (US\$/kg)

Table 61. World Carbon Fiber Reinforcements Production Value by Tow, (USD Million), 2021 & 2025 & 2032

Table 62. World Carbon Fiber Reinforcements Production by Tow (2021-2026) & (Tons)

Table 63. World Carbon Fiber Reinforcements Production by Tow (2027-2032) & (Tons)

Table 64. World Carbon Fiber Reinforcements Production Value by Tow (2021-2026) & (USD Million)

Table 65. World Carbon Fiber Reinforcements Production Value by Tow (2027-2032) & (USD Million)

Table 66. World Carbon Fiber Reinforcements Average Price by Tow (2021-2026) & (US\$/kg)

Table 67. World Carbon Fiber Reinforcements Average Price by Tow (2027-2032) & (US\$/kg)

Table 68. World Carbon Fiber Reinforcements Production Value by Application, (USD Million), 2021 & 2025 & 2032

Table 69. World Carbon Fiber Reinforcements Production by Application (2021-2026) & (Tons)

Table 70. World Carbon Fiber Reinforcements Production by Application (2027-2032) & (Tons)

Table 71. World Carbon Fiber Reinforcements Production Value by Application (2021-2026) & (USD Million)

Table 72. World Carbon Fiber Reinforcements Production Value by Application (2027-2032) & (USD Million)

Table 73. World Carbon Fiber Reinforcements Average Price by Application (2021-2026) & (US\$/kg)

Table 74. World Carbon Fiber Reinforcements Average Price by Application (2027-2032) & (US\$/kg)

Table 75. Toray Basic Information, Manufacturing Base and Competitors

Table 76. Toray Major Business

Table 77. Toray Carbon Fiber Reinforcements Product and Services

Table 78. Toray Carbon Fiber Reinforcements Production (Tons), Price (US\$/kg), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 79. Toray Recent Developments/Updates

Table 80. Toray Competitive Strengths & Weaknesses

Table 81. Mitsubishi Chemical Basic Information, Manufacturing Base and Competitors

Table 82. Mitsubishi Chemical Major Business

Table 83. Mitsubishi Chemical Carbon Fiber Reinforcements Product and Services

Table 84. Mitsubishi Chemical Carbon Fiber Reinforcements Production (Tons), Price (US\$/kg), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 85. Mitsubishi Chemical Recent Developments/Updates

Table 86. Mitsubishi Chemical Competitive Strengths & Weaknesses
Table 87. Teijin Basic Information, Manufacturing Base and Competitors
Table 88. Teijin Major Business
Table 89. Teijin Carbon Fiber Reinforcements Product and Services
Table 90. Teijin Carbon Fiber Reinforcements Production (Tons), Price (US\$/kg), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
Table 91. Teijin Recent Developments/Updates
Table 92. Teijin Competitive Strengths & Weaknesses
Table 93. Hexcel Basic Information, Manufacturing Base and Competitors
Table 94. Hexcel Major Business
Table 95. Hexcel Carbon Fiber Reinforcements Product and Services
Table 96. Hexcel Carbon Fiber Reinforcements Production (Tons), Price (US\$/kg), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
Table 97. Hexcel Recent Developments/Updates
Table 98. Hexcel Competitive Strengths & Weaknesses
Table 99. Hyosung Advanced Materials Basic Information, Manufacturing Base and Competitors
Table 100. Hyosung Advanced Materials Major Business
Table 101. Hyosung Advanced Materials Carbon Fiber Reinforcements Product and Services
Table 102. Hyosung Advanced Materials Carbon Fiber Reinforcements Production (Tons), Price (US\$/kg), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
Table 103. Hyosung Advanced Materials Recent Developments/Updates
Table 104. Hyosung Advanced Materials Competitive Strengths & Weaknesses
Table 105. SGL Carbon Basic Information, Manufacturing Base and Competitors
Table 106. SGL Carbon Major Business
Table 107. SGL Carbon Carbon Fiber Reinforcements Product and Services
Table 108. SGL Carbon Carbon Fiber Reinforcements Production (Tons), Price (US\$/kg), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
Table 109. SGL Carbon Recent Developments/Updates
Table 110. SGL Carbon Competitive Strengths & Weaknesses
Table 111. Formosa Plastics Basic Information, Manufacturing Base and Competitors
Table 112. Formosa Plastics Major Business
Table 113. Formosa Plastics Carbon Fiber Reinforcements Product and Services
Table 114. Formosa Plastics Carbon Fiber Reinforcements Production (Tons), Price (US\$/kg), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
Table 115. Formosa Plastics Recent Developments/Updates
Table 116. Formosa Plastics Competitive Strengths & Weaknesses

Table 117. Aksa Carbon Basic Information, Manufacturing Base and Competitors
Table 118. Aksa Carbon Major Business
Table 119. Aksa Carbon Carbon Fiber Reinforcements Product and Services
Table 120. Aksa Carbon Carbon Fiber Reinforcements Production (Tons), Price (US\$/kg), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
Table 121. Aksa Carbon Recent Developments/Updates
Table 122. Aksa Carbon Competitive Strengths & Weaknesses
Table 123. Syensqo Basic Information, Manufacturing Base and Competitors
Table 124. Syensqo Major Business
Table 125. Syensqo Carbon Fiber Reinforcements Product and Services
Table 126. Syensqo Carbon Fiber Reinforcements Production (Tons), Price (US\$/kg), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
Table 127. Syensqo Recent Developments/Updates
Table 128. Syensqo Competitive Strengths & Weaknesses
Table 129. UMATEx Basic Information, Manufacturing Base and Competitors
Table 130. UMATEx Major Business
Table 131. UMATEx Carbon Fiber Reinforcements Product and Services
Table 132. UMATEx Carbon Fiber Reinforcements Production (Tons), Price (US\$/kg), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
Table 133. UMATEx Recent Developments/Updates
Table 134. UMATEx Competitive Strengths & Weaknesses
Table 135. Taekwang Industrial Basic Information, Manufacturing Base and Competitors
Table 136. Taekwang Industrial Major Business
Table 137. Taekwang Industrial Carbon Fiber Reinforcements Product and Services
Table 138. Taekwang Industrial Carbon Fiber Reinforcements Production (Tons), Price (US\$/kg), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
Table 139. Taekwang Industrial Recent Developments/Updates
Table 140. Taekwang Industrial Competitive Strengths & Weaknesses
Table 141. Zhongfu Shenying Basic Information, Manufacturing Base and Competitors
Table 142. Zhongfu Shenying Major Business
Table 143. Zhongfu Shenying Carbon Fiber Reinforcements Product and Services
Table 144. Zhongfu Shenying Carbon Fiber Reinforcements Production (Tons), Price (US\$/kg), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
Table 145. Zhongfu Shenying Recent Developments/Updates
Table 146. Zhongfu Shenying Competitive Strengths & Weaknesses
Table 147. Jilin Chemical Fiber Basic Information, Manufacturing Base and Competitors
Table 148. Jilin Chemical Fiber Major Business
Table 149. Jilin Chemical Fiber Carbon Fiber Reinforcements Product and Services

Table 150. Jilin Chemical Fiber Carbon Fiber Reinforcements Production (Tons), Price (US\$/kg), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
Table 151. Jilin Chemical Fiber Recent Developments/Updates
Table 152. Jilin Chemical Fiber Competitive Strengths & Weaknesses
Table 153. Baowu Carbon Basic Information, Manufacturing Base and Competitors
Table 154. Baowu Carbon Major Business
Table 155. Baowu Carbon Carbon Fiber Reinforcements Product and Services
Table 156. Baowu Carbon Carbon Fiber Reinforcements Production (Tons), Price (US\$/kg), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
Table 157. Baowu Carbon Recent Developments/Updates
Table 158. Baowu Carbon Competitive Strengths & Weaknesses
Table 159. Weihai Guangwei Composites Basic Information, Manufacturing Base and Competitors
Table 160. Weihai Guangwei Composites Major Business
Table 161. Weihai Guangwei Composites Carbon Fiber Reinforcements Product and Services
Table 162. Weihai Guangwei Composites Carbon Fiber Reinforcements Production (Tons), Price (US\$/kg), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
Table 163. Weihai Guangwei Composites Recent Developments/Updates
Table 164. Weihai Guangwei Composites Competitive Strengths & Weaknesses
Table 165. Sinofibers Technology Basic Information, Manufacturing Base and Competitors
Table 166. Sinofibers Technology Major Business
Table 167. Sinofibers Technology Carbon Fiber Reinforcements Product and Services
Table 168. Sinofibers Technology Carbon Fiber Reinforcements Production (Tons), Price (US\$/kg), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
Table 169. Sinofibers Technology Recent Developments/Updates
Table 170. Sinofibers Technology Competitive Strengths & Weaknesses
Table 171. Jiangsu Hengshen Basic Information, Manufacturing Base and Competitors
Table 172. Jiangsu Hengshen Major Business
Table 173. Jiangsu Hengshen Carbon Fiber Reinforcements Product and Services
Table 174. Jiangsu Hengshen Carbon Fiber Reinforcements Production (Tons), Price (US\$/kg), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
Table 175. Jiangsu Hengshen Recent Developments/Updates
Table 176. Jiangsu Hengshen Competitive Strengths & Weaknesses
Table 177. Newtech Group Basic Information, Manufacturing Base and Competitors
Table 178. Newtech Group Major Business

Table 179. Newtech Group Carbon Fiber Reinforcements Product and Services

Table 180. Newtech Group Carbon Fiber Reinforcements Production (Tons), Price (US\$/kg), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 181. Newtech Group Recent Developments/Updates

Table 182. Newtech Group Competitive Strengths & Weaknesses

Table 183. Global Key Players of Carbon Fiber Reinforcements Upstream (Raw Materials)

Table 184. Global Carbon Fiber Reinforcements Typical Customers

Table 185. Carbon Fiber Reinforcements Typical Distributors

List Of Figures

LIST OF FIGURES

Figure 1. Carbon Fiber Reinforcements Picture

Figure 2. World Carbon Fiber Reinforcements Production Value: 2021 & 2025 & 2032, (USD Million)

Figure 3. World Carbon Fiber Reinforcements Production Value and Forecast (2021-2032) & (USD Million)

Figure 4. World Carbon Fiber Reinforcements Production (2021-2032) & (Tons)

Figure 5. World Carbon Fiber Reinforcements Average Price (2021-2032) & (US\$/kg)

Figure 6. World Carbon Fiber Reinforcements Production Value Market Share by Region (2021-2032)

Figure 7. World Carbon Fiber Reinforcements Production Market Share by Region (2021-2032)

Figure 8. North America Carbon Fiber Reinforcements Production (2021-2032) & (Tons)

Figure 9. Europe Carbon Fiber Reinforcements Production (2021-2032) & (Tons)

Figure 10. China Carbon Fiber Reinforcements Production (2021-2032) & (Tons)

Figure 11. Japan Carbon Fiber Reinforcements Production (2021-2032) & (Tons)

Figure 12. Carbon Fiber Reinforcements Market Drivers

Figure 13. Factors Affecting Demand

Figure 14. World Carbon Fiber Reinforcements Consumption (2021-2032) & (Tons)

Figure 15. World Carbon Fiber Reinforcements Consumption Market Share by Region (2021-2032)

Figure 16. United States Carbon Fiber Reinforcements Consumption (2021-2032) & (Tons)

Figure 17. China Carbon Fiber Reinforcements Consumption (2021-2032) & (Tons)

Figure 18. Europe Carbon Fiber Reinforcements Consumption (2021-2032) & (Tons)

Figure 19. Japan Carbon Fiber Reinforcements Consumption (2021-2032) & (Tons)

Figure 20. South Korea Carbon Fiber Reinforcements Consumption (2021-2032) & (Tons)

Figure 21. ASEAN Carbon Fiber Reinforcements Consumption (2021-2032) & (Tons)

Figure 22. India Carbon Fiber Reinforcements Consumption (2021-2032) & (Tons)

Figure 23. Producer Shipments of Carbon Fiber Reinforcements by Manufacturer Revenue (\$MM) and Market Share (%): 2025

Figure 24. Global Four-firm Concentration Ratios (CR4) for Carbon Fiber Reinforcements Markets in 2025

Figure 25. Global Four-firm Concentration Ratios (CR8) for Carbon Fiber Reinforcements Markets in 2025

Figure 26. United States VS China: Carbon Fiber Reinforcements Production Value Market Share Comparison (2021 & 2025 & 2032)

Figure 27. United States VS China: Carbon Fiber Reinforcements Production Market Share Comparison (2021 & 2025 & 2032)

Figure 28. United States VS China: Carbon Fiber Reinforcements Consumption Market Share Comparison (2021 & 2025 & 2032)

Figure 29. United States Based Manufacturers Carbon Fiber Reinforcements Production Market Share 2025

Figure 30. China Based Manufacturers Carbon Fiber Reinforcements Production Market Share 2025

Figure 31. Rest of World Based Manufacturers Carbon Fiber Reinforcements Production Market Share 2025

Figure 32. World Carbon Fiber Reinforcements Production Value by Type, (USD Million), 2021 & 2025 & 2032

Figure 33. World Carbon Fiber Reinforcements Production Value Market Share by Type in 2025

Figure 34. Regular Tow

Figure 35. Large Tow

Figure 36. World Carbon Fiber Reinforcements Production Market Share by Type (2021-2032)

Figure 37. World Carbon Fiber Reinforcements Production Value Market Share by Type (2021-2032)

Figure 38. World Carbon Fiber Reinforcements Average Price by Type (2021-2032) & (US\$/kg)

Figure 39. World Carbon Fiber Reinforcements Production Value by Precursor, (USD Million), 2021 & 2025 & 2032

Figure 40. World Carbon Fiber Reinforcements Production Value Market Share by Precursor in 2025

Figure 41. PAN-based

Figure 42. Pitch-based

Figure 43. Rayon-based

Figure 44. World Carbon Fiber Reinforcements Production Market Share by Precursor (2021-2032)

Figure 45. World Carbon Fiber Reinforcements Production Value Market Share by Precursor (2021-2032)

Figure 46. World Carbon Fiber Reinforcements Average Price by Precursor (2021-2032) & (US\$/kg)

Figure 47. World Carbon Fiber Reinforcements Production Value by Tow, (USD Million), 2021 & 2025 & 2032

Figure 48. World Carbon Fiber Reinforcements Production Value Market Share by Tow in 2025

Figure 49. 3K

Figure 50. 6K

Figure 51. 12K

Figure 52. 24K

Figure 53. 48K

Figure 54. Other

Figure 55. World Carbon Fiber Reinforcements Production Market Share by Tow (2021-2032)

Figure 56. World Carbon Fiber Reinforcements Production Value Market Share by Tow (2021-2032)

Figure 57. World Carbon Fiber Reinforcements Average Price by Tow (2021-2032) & (US\$/kg)

Figure 58. World Carbon Fiber Reinforcements Production Value by Application, (USD Million), 2021 & 2025 & 2032

Figure 59. World Carbon Fiber Reinforcements Production Value Market Share by Application in 2025

Figure 60. Aerospace and Defense

Figure 61. Sports/Leisure

Figure 62. Wind Energy

Figure 63. Pressure Vessel

Figure 64. Automotive

Figure 65. Other

Figure 66. World Carbon Fiber Reinforcements Production Market Share by Application (2021-2032)

Figure 67. World Carbon Fiber Reinforcements Production Value Market Share by Application (2021-2032)

Figure 68. World Carbon Fiber Reinforcements Average Price by Application (2021-2032) & (US\$/kg)

Figure 69. Carbon Fiber Reinforcements Industry Chain

Figure 70. Carbon Fiber Reinforcements Procurement Model

Figure 71. Carbon Fiber Reinforcements Sales Model

Figure 72. Carbon Fiber Reinforcements Sales Channels, Direct Sales, and Distribution

Figure 73. Methodology

Figure 74. Research Process and Data Source

I would like to order

Product name: Global Carbon Fiber Reinforcements Supply, Demand and Key Producers, 2026-2032

Product link: <https://marketpublishers.com/r/G26FCFE2C4F2EN.html>

Price: US\$ 4,480.00 (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/G26FCFE2C4F2EN.html>