

# Global Long Carbon Fiber Market Research Report 2026(Status and Outlook)

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## Abstracts

The 2025 U.S. tariff policies introduce profound uncertainty into the global economic landscape. This report critically examines the implications of recent tariff adjustments and international strategic countermeasures on Long Carbon Fiber competitive dynamics, regional economic interdependencies, and supply chain reconfigurations. Long Carbon Fiber (LCF) refers to carbon fiber filaments or chopped carbon fiber strands that are longer than those in standard short fiber composites. Typically, these fibers range from 6 mm to 25 mm in length and are used to reinforce thermoplastics or thermosets, creating long fiber-reinforced composites (LFRTs).

The global Long Carbon Fiber market size was estimated at USD 1704.0 million in 2025 and is projected to grow at a compound annual growth rate (CAGR) of 14.30% during the forecast period.

This report offers a comprehensive and in-depth analysis of the global Long Carbon Fiber market, covering all critical facets from a broad macroeconomic overview to detailed micro-level insights. It examines market size, competitive landscape, emerging development trends, niche segments, key drivers and challenges, as well as conducts SWOT and value chain analyses.

The insights provided enable readers to understand the competitive dynamics within the industry and formulate effective strategies to enhance profitability and market positioning. Additionally, the report presents a clear framework for evaluating the current status and future outlook of business organizations operating in this sector.

A significant focus of this report lies in the competitive landscape of the global Long Carbon Fiber market. It offers detailed profiles of major players, including their market

shares, performance metrics, product portfolios, and operational status. This enables stakeholders to identify leading competitors and gain a nuanced understanding of market rivalry and structure.

In summary, this report serves as an essential resource for industry participants, investors, researchers, consultants, and business strategists, as well as anyone planning to enter or expand their presence in the Long Carbon Fiber market.

## **Global Long Carbon Fiber Market: Market Segmentation Analysis**

This research report provides a detailed segmentation of the market by region (country), key manufacturers, product type, and application. Market segmentation divides the overall market into distinct subsets based on factors such as product categories, end-user industries, geographic locations, and other relevant criteria.

A clear understanding of these market segments enables decision-makers to tailor their product development, sales, and marketing strategies more effectively to meet the unique needs of each segment. Leveraging market segmentation insights can significantly enhance targeted approaches, optimize resource allocation, and accelerate product innovation cycles by aligning offerings with the specific demands of diverse customer groups.

### **Key Company**

Avient  
Mitsubishi Chemical  
Toray  
Zhongfu Shenying Carbon Fiber  
Forte Carbon Fiber  
Hexcel  
SGL Carbon  
Weihai Guangwei Composites  
Teijin  
Jilin Tangu Carbon Fiber  
LANXESS  
China National Bluestar  
Jiangsu Hengshen  
Xiamen LFT Composite Plastic

## **Market Segmentation (by Type)**

Small Tow Long Carbon Fiber  
Large Tow Long Carbon Fiber

## **Market Segmentation (by Application)**

Aerospace  
Wind Power  
Pressure Vessels  
Automobiles and Transportation  
Sports and Leisure Products  
Electronics and Military Industry  
Construction  
Medical  
Marine Engineering

## **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 Long Carbon Fiber Market  
Overview of the regional outlook of the Long Carbon Fiber Market:

## **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 Long Carbon Fiber 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 shares the main producing countries of Long Carbon Fiber, 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 in the next five years.

Chapter 12 provides a quantitative analysis of the market size and development potential of each market segment in the next five years.

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

### **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**

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## Contents

### **1 RESEARCH METHODOLOGY AND STATISTICAL SCOPE**

- 1.1 Market Definition and Statistical Scope of Long Carbon Fiber
- 1.2 Key Market Segments
  - 1.2.1 Long Carbon Fiber Segment by Type
  - 1.2.2 Long Carbon Fiber 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 LONG CARBON FIBER MARKET OVERVIEW**

- 2.1 Global Market Overview
  - 2.1.1 Global Long Carbon Fiber Market Size (M USD) Estimates and Forecasts (2020-2035)
  - 2.1.2 Global Long Carbon Fiber Sales Estimates and Forecasts (2020-2035)
- 2.2 Market Segment Executive Summary
- 2.3 Global Market Size by Region

### **3 LONG CARBON FIBER MARKET COMPETITIVE LANDSCAPE**

- 3.1 Company Assessment Quadrant
- 3.2 Global Long Carbon Fiber Product Life Cycle
- 3.3 Global Long Carbon Fiber Sales by Manufacturers (2020-2025)
- 3.4 Global Long Carbon Fiber Revenue Market Share by Manufacturers (2020-2025)
- 3.5 Long Carbon Fiber Market Share by Company Type (Tier 1, Tier 2, and Tier 3)
- 3.6 Global Long Carbon Fiber Average Price by Manufacturers (2020-2025)
- 3.7 Manufacturers? Manufacturing Sites, Areas Served, and Product Types
- 3.8 Long Carbon Fiber Market Competitive Situation and Trends
  - 3.8.1 Long Carbon Fiber Market Concentration Rate
  - 3.8.2 Global 5 and 10 Largest Long Carbon Fiber Players Market Share by Revenue
  - 3.8.3 Mergers & Acquisitions, Expansion

### **4 LONG CARBON FIBER INDUSTRY CHAIN ANALYSIS**

- 4.1 Long Carbon Fiber 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 LONG CARBON FIBER 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 Long Carbon Fiber Market Porter's Five Forces Analysis
  - 5.6.1 Global Trade Frictions
  - 5.6.2 U.S. Tariff Policy ? April 2025
  - 5.6.3 Global Trade Frictions and Their Impacts to Long Carbon Fiber Market
- 5.7 ESG Ratings of Leading Companies

## **6 LONG CARBON FIBER MARKET SEGMENTATION BY TYPE**

- 6.1 Evaluation Matrix of Segment Market Development Potential (Type)
- 6.2 Global Long Carbon Fiber Sales Market Share by Type (2020-2025)
- 6.3 Global Long Carbon Fiber Market Size by Type (2020-2025)
- 6.4 Global Long Carbon Fiber Price by Type (2020-2025)

## **7 LONG CARBON FIBER MARKET SEGMENTATION BY APPLICATION**

- 7.1 Evaluation Matrix of Segment Market Development Potential (Application)
- 7.2 Global Long Carbon Fiber Market Sales by Application (2020-2025)
- 7.3 Global Long Carbon Fiber Market Size (M USD) by Application (2020-2025)

## 7.4 Global Long Carbon Fiber Sales Growth Rate by Application (2020-2025)

# **8 LONG CARBON FIBER MARKET SALES BY REGION**

## 8.1 Global Long Carbon Fiber Sales by Region

### 8.1.1 Global Long Carbon Fiber Sales by Region

### 8.1.2 Global Long Carbon Fiber Sales Market Share by Region

## 8.2 Global Long Carbon Fiber Market Size by Region

### 8.2.1 Global Long Carbon Fiber Market Size by Region

### 8.2.2 Global Long Carbon Fiber Market Size by Region

## 8.3 North America

### 8.3.1 North America Long Carbon Fiber Sales by Country

### 8.3.2 North America Long Carbon Fiber 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 Long Carbon Fiber Sales by Country

### 8.4.2 Europe Long Carbon Fiber 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 Long Carbon Fiber Sales by Region

### 8.5.2 Asia Pacific Long Carbon Fiber 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 Long Carbon Fiber Sales by Country

### 8.6.2 South America Long Carbon Fiber 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 Long Carbon Fiber Sales by Region
- 8.7.2 Middle East and Africa Long Carbon Fiber 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 LONG CARBON FIBER MARKET PRODUCTION BY REGION**

- 9.1 Global Production of Long Carbon Fiber by Region(2020-2025)
- 9.2 Global Long Carbon Fiber Revenue Market Share by Region (2020-2025)
- 9.3 Global Long Carbon Fiber Production, Revenue, Price and Gross Margin (2020-2025)
- 9.4 North America Long Carbon Fiber Production
  - 9.4.1 North America Long Carbon Fiber Production Growth Rate (2020-2025)
  - 9.4.2 North America Long Carbon Fiber Production, Revenue, Price and Gross Margin (2020-2025)
- 9.5 Europe Long Carbon Fiber Production
  - 9.5.1 Europe Long Carbon Fiber Production Growth Rate (2020-2025)
  - 9.5.2 Europe Long Carbon Fiber Production, Revenue, Price and Gross Margin (2020-2025)
- 9.6 Japan Long Carbon Fiber Production (2020-2025)
  - 9.6.1 Japan Long Carbon Fiber Production Growth Rate (2020-2025)
  - 9.6.2 Japan Long Carbon Fiber Production, Revenue, Price and Gross Margin (2020-2025)
- 9.7 China Long Carbon Fiber Production (2020-2025)
  - 9.7.1 China Long Carbon Fiber Production Growth Rate (2020-2025)
  - 9.7.2 China Long Carbon Fiber Production, Revenue, Price and Gross Margin (2020-2025)

## **10 KEY COMPANIES PROFILE**

- 10.1 Avient
  - 10.1.1 Avient Basic Information
  - 10.1.2 Avient Long Carbon Fiber Product Overview
  - 10.1.3 Avient Long Carbon Fiber Product Market Performance
  - 10.1.4 Avient Business Overview
  - 10.1.5 Avient SWOT Analysis

- 10.1.6 Avient Recent Developments
- 10.2 Mitsubishi Chemical
  - 10.2.1 Mitsubishi Chemical Basic Information
  - 10.2.2 Mitsubishi Chemical Long Carbon Fiber Product Overview
  - 10.2.3 Mitsubishi Chemical Long Carbon Fiber Product Market Performance
  - 10.2.4 Mitsubishi Chemical Business Overview
  - 10.2.5 Mitsubishi Chemical SWOT Analysis
  - 10.2.6 Mitsubishi Chemical Recent Developments
- 10.3 Toray
  - 10.3.1 Toray Basic Information
  - 10.3.2 Toray Long Carbon Fiber Product Overview
  - 10.3.3 Toray Long Carbon Fiber Product Market Performance
  - 10.3.4 Toray Business Overview
  - 10.3.5 Toray SWOT Analysis
  - 10.3.6 Toray Recent Developments
- 10.4 Zhongfu Shenying Carbon Fiber
  - 10.4.1 Zhongfu Shenying Carbon Fiber Basic Information
  - 10.4.2 Zhongfu Shenying Carbon Fiber Long Carbon Fiber Product Overview
  - 10.4.3 Zhongfu Shenying Carbon Fiber Long Carbon Fiber Product Market Performance
  - 10.4.4 Zhongfu Shenying Carbon Fiber Business Overview
  - 10.4.5 Zhongfu Shenying Carbon Fiber Recent Developments
- 10.5 Forte Carbon Fiber
  - 10.5.1 Forte Carbon Fiber Basic Information
  - 10.5.2 Forte Carbon Fiber Long Carbon Fiber Product Overview
  - 10.5.3 Forte Carbon Fiber Long Carbon Fiber Product Market Performance
  - 10.5.4 Forte Carbon Fiber Business Overview
  - 10.5.5 Forte Carbon Fiber Recent Developments
- 10.6 Hexcel
  - 10.6.1 Hexcel Basic Information
  - 10.6.2 Hexcel Long Carbon Fiber Product Overview
  - 10.6.3 Hexcel Long Carbon Fiber Product Market Performance
  - 10.6.4 Hexcel Business Overview
  - 10.6.5 Hexcel Recent Developments
- 10.7 SGL Carbon
  - 10.7.1 SGL Carbon Basic Information
  - 10.7.2 SGL Carbon Long Carbon Fiber Product Overview
  - 10.7.3 SGL Carbon Long Carbon Fiber Product Market Performance
  - 10.7.4 SGL Carbon Business Overview

- 10.7.5 SGL Carbon Recent Developments
- 10.8 Weihai Guangwei Composites
  - 10.8.1 Weihai Guangwei Composites Basic Information
  - 10.8.2 Weihai Guangwei Composites Long Carbon Fiber Product Overview
  - 10.8.3 Weihai Guangwei Composites Long Carbon Fiber Product Market Performance
  - 10.8.4 Weihai Guangwei Composites Business Overview
  - 10.8.5 Weihai Guangwei Composites Recent Developments
- 10.9 Teijin
  - 10.9.1 Teijin Basic Information
  - 10.9.2 Teijin Long Carbon Fiber Product Overview
  - 10.9.3 Teijin Long Carbon Fiber Product Market Performance
  - 10.9.4 Teijin Business Overview
  - 10.9.5 Teijin Recent Developments
- 10.10 Jilin Tangu Carbon Fiber
  - 10.10.1 Jilin Tangu Carbon Fiber Basic Information
  - 10.10.2 Jilin Tangu Carbon Fiber Long Carbon Fiber Product Overview
  - 10.10.3 Jilin Tangu Carbon Fiber Long Carbon Fiber Product Market Performance
  - 10.10.4 Jilin Tangu Carbon Fiber Business Overview
  - 10.10.5 Jilin Tangu Carbon Fiber Recent Developments
- 10.11 LANXESS
  - 10.11.1 LANXESS Basic Information
  - 10.11.2 LANXESS Long Carbon Fiber Product Overview
  - 10.11.3 LANXESS Long Carbon Fiber Product Market Performance
  - 10.11.4 LANXESS Business Overview
  - 10.11.5 LANXESS Recent Developments
- 10.12 China National Bluestar
  - 10.12.1 China National Bluestar Basic Information
  - 10.12.2 China National Bluestar Long Carbon Fiber Product Overview
  - 10.12.3 China National Bluestar Long Carbon Fiber Product Market Performance
  - 10.12.4 China National Bluestar Business Overview
  - 10.12.5 China National Bluestar Recent Developments
- 10.13 Jiangsu Hengshen
  - 10.13.1 Jiangsu Hengshen Basic Information
  - 10.13.2 Jiangsu Hengshen Long Carbon Fiber Product Overview
  - 10.13.3 Jiangsu Hengshen Long Carbon Fiber Product Market Performance
  - 10.13.4 Jiangsu Hengshen Business Overview
  - 10.13.5 Jiangsu Hengshen Recent Developments
- 10.14 Xiamen LFT Composite Plastic
  - 10.14.1 Xiamen LFT Composite Plastic Basic Information

10.14.2 Xiamen LFT Composite Plastic Long Carbon Fiber Product Overview

10.14.3 Xiamen LFT Composite Plastic Long Carbon Fiber Product Market

Performance

10.14.4 Xiamen LFT Composite Plastic Business Overview

10.14.5 Xiamen LFT Composite Plastic Recent Developments

## **11 LONG CARBON FIBER MARKET FORECAST BY REGION**

11.1 Global Long Carbon Fiber Market Size Forecast

11.2 Global Long Carbon Fiber Market Forecast by Region

11.2.1 North America Market Size Forecast by Country

11.2.2 Europe Long Carbon Fiber Market Size Forecast by Country

11.2.3 Asia Pacific Long Carbon Fiber Market Size Forecast by Region

11.2.4 South America Long Carbon Fiber Market Size Forecast by Country

11.2.5 Middle East and Africa Forecasted Sales of Long Carbon Fiber by Country

## **12 FORECAST MARKET BY TYPE AND BY APPLICATION (2026-2035)**

12.1 Global Long Carbon Fiber Market Forecast by Type (2026-2035)

12.1.1 Global Forecasted Sales of Long Carbon Fiber by Type (2026-2035)

12.1.2 Global Long Carbon Fiber Market Size Forecast by Type (2026-2035)

12.1.3 Global Forecasted Price of Long Carbon Fiber by Type (2026-2035)

12.2 Global Long Carbon Fiber Market Forecast by Application (2026-2035)

12.2.1 Global Long Carbon Fiber Sales (K MT) Forecast by Application

12.2.2 Global Long Carbon Fiber Market Size (M USD) Forecast by Application (2026-2035)

## **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. Global Long Carbon Fiber Market Size by Type (M USD)
- Table 4. Global Long Carbon Fiber Market Size by Application
- Table 5. Long Carbon Fiber Market Size Comparison by Region (M USD)
- Table 6. Global Long Carbon Fiber Sales (K MT) by Manufacturers (2020-2025)
- Table 7. Global Long Carbon Fiber Sales Market Share by Manufacturers (2020-2025)
- Table 8. Global Long Carbon Fiber Revenue (M USD) by Manufacturers (2020-2025)
- Table 9. Global Long Carbon Fiber Revenue Share by Manufacturers (2020-2025)
- Table 10. Company Type (Tier 1, Tier 2, and Tier 3) & (based on the Revenue in Long Carbon Fiber as of 2025)
- Table 11. Global Market Long Carbon Fiber Average Price (USD/KG) of Key Manufacturers (2020-2025)
- Table 12. Manufacturers? Manufacturing Sites, Areas Served
- Table 13. Manufacturers? Product Type
- Table 14. Global Long Carbon Fiber Manufacturers Market Concentration Ratio (CR5 and HHI)
- Table 15. Mergers & Acquisitions, Expansion Plans
- 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. Long Carbon Fiber Market Challenges
- Table 22. Goldman Sachs' forecast real GDP growth rate for 2025-2026
- Table 23. S&P Global ' Forecast Real GDP Growth Rate For 2025-2027
- Table 24. World Bank ' Forecast Real GDP Growth Rate For 2025-2026
- Table 25. The Tariff Rates Imposed by the United States on Major Commodity Trading Countries
- Table 26. Global Long Carbon Fiber Sales by Type (K MT)
- Table 27. Global Long Carbon Fiber Market Size by Type (M USD)
- Table 28. Global Long Carbon Fiber Sales (K MT) by Type (2020-2025)
- Table 29. Global Long Carbon Fiber Sales Market Share by Type (2020-2025)
- Table 30. Global Long Carbon Fiber Market Size (M USD) by Type (2020-2025)
- Table 31. Global Long Carbon Fiber Market Share by Type (2020-2025)

- Table 32. Global Long Carbon Fiber Price (USD/KG) by Type (2020-2025)
- Table 33. Global Long Carbon Fiber Sales (K MT) by Application
- Table 34. Global Long Carbon Fiber Market Size by Application
- Table 35. Global Long Carbon Fiber Sales by Application (2020-2025) & (K MT)
- Table 36. Global Long Carbon Fiber Sales Market Share by Application (2020-2025)
- Table 37. Global Long Carbon Fiber Market Size by Application (2020-2025) & (M USD)
- Table 38. Global Long Carbon Fiber Market Share by Application (2020-2025)
- Table 39. Global Long Carbon Fiber Sales Growth Rate by Application (2020-2025)
- Table 40. Global Long Carbon Fiber Sales by Region (2020-2025) & (K MT)
- Table 41. Global Long Carbon Fiber Sales Market Share by Region (2020-2025)
- Table 42. Global Long Carbon Fiber Market Size by Region (2020-2025) & (M USD)
- Table 43. Global Long Carbon Fiber Market Size by Region (2020-2025)
- Table 44. North America Long Carbon Fiber Sales by Country (2020-2025) & (K MT)
- Table 45. North America Long Carbon Fiber Market Size by Country (2020-2025) & (M USD)
- Table 46. Europe Long Carbon Fiber Sales by Country (2020-2025) & (K MT)
- Table 47. Europe Long Carbon Fiber Market Size by Country (2020-2025) & (M USD)
- Table 48. Asia Pacific Long Carbon Fiber Sales by Region (2020-2025) & (K MT)
- Table 49. Asia Pacific Long Carbon Fiber Market Size by Region (2020-2025) & (M USD)
- Table 50. South America Long Carbon Fiber Sales by Country (2020-2025) & (K MT)
- Table 51. South America Long Carbon Fiber Market Size by Country (2020-2025) & (M USD)
- Table 52. Middle East and Africa Long Carbon Fiber Sales by Region (2020-2025) & (K MT)
- Table 53. Middle East and Africa Long Carbon Fiber Market Size by Region (2020-2025) & (M USD)
- Table 54. Global Long Carbon Fiber Production (K MT) by Region(2020-2025)
- Table 55. Global Long Carbon Fiber Revenue (US\$ Million) by Region (2020-2025)
- Table 56. Global Long Carbon Fiber Revenue Market Share by Region (2020-2025)
- Table 57. Global Long Carbon Fiber Production (K MT), Revenue (US\$ Million), Price (USD/KG) and Gross Margin (2020-2025)
- Table 58. North America Long Carbon Fiber Production (K MT), Revenue (US\$ Million), Price (USD/KG) and Gross Margin (2020-2025)
- Table 59. Europe Long Carbon Fiber Production (K MT), Revenue (US\$ Million), Price (USD/KG) and Gross Margin (2020-2025)
- Table 60. Japan Long Carbon Fiber Production (K MT), Revenue (US\$ Million), Price (USD/KG) and Gross Margin (2020-2025)
- Table 61. China Long Carbon Fiber Production (K MT), Revenue (US\$ Million), Price

(USD/KG) and Gross Margin (2020-2025)

Table 62. Avient Basic Information

Table 63. Avient Long Carbon Fiber Product Overview

Table 64. Avient Long Carbon Fiber Sales (K MT), Revenue (M USD), Price (USD/KG) and Gross Margin (2020-2025)

Table 65. Avient Business Overview

Table 66. Avient SWOT Analysis

Table 67. Avient Recent Developments

Table 68. Mitsubishi Chemical Basic Information

Table 69. Mitsubishi Chemical Long Carbon Fiber Product Overview

Table 70. Mitsubishi Chemical Long Carbon Fiber Sales (K MT), Revenue (M USD), Price (USD/KG) and Gross Margin (2020-2025)

Table 71. Mitsubishi Chemical Business Overview

Table 72. Mitsubishi Chemical SWOT Analysis

Table 73. Mitsubishi Chemical Recent Developments

Table 74. Toray Basic Information

Table 75. Toray Long Carbon Fiber Product Overview

Table 76. Toray Long Carbon Fiber Sales (K MT), Revenue (M USD), Price (USD/KG) and Gross Margin (2020-2025)

Table 77. Toray Business Overview

Table 78. Toray SWOT Analysis

Table 79. Toray Recent Developments

Table 80. Zhongfu Shenying Carbon Fiber Basic Information

Table 81. Zhongfu Shenying Carbon Fiber Long Carbon Fiber Product Overview

Table 82. Zhongfu Shenying Carbon Fiber Long Carbon Fiber Sales (K MT), Revenue (M USD), Price (USD/KG) and Gross Margin (2020-2025)

Table 83. Zhongfu Shenying Carbon Fiber Business Overview

Table 84. Zhongfu Shenying Carbon Fiber Recent Developments

Table 85. Forte Carbon Fiber Basic Information

Table 86. Forte Carbon Fiber Long Carbon Fiber Product Overview

Table 87. Forte Carbon Fiber Long Carbon Fiber Sales (K MT), Revenue (M USD), Price (USD/KG) and Gross Margin (2020-2025)

Table 88. Forte Carbon Fiber Business Overview

Table 89. Forte Carbon Fiber Recent Developments

Table 90. Hexcel Basic Information

Table 91. Hexcel Long Carbon Fiber Product Overview

Table 92. Hexcel Long Carbon Fiber Sales (K MT), Revenue (M USD), Price (USD/KG) and Gross Margin (2020-2025)

Table 93. Hexcel Business Overview

Table 94. Hexcel Recent Developments

Table 95. SGL Carbon Basic Information

Table 96. SGL Carbon Long Carbon Fiber Product Overview

Table 97. SGL Carbon Long Carbon Fiber Sales (K MT), Revenue (M USD), Price (USD/KG) and Gross Margin (2020-2025)

Table 98. SGL Carbon Business Overview

Table 99. SGL Carbon Recent Developments

Table 100. Weihai Guangwei Composites Basic Information

Table 101. Weihai Guangwei Composites Long Carbon Fiber Product Overview

Table 102. Weihai Guangwei Composites Long Carbon Fiber Sales (K MT), Revenue (M USD), Price (USD/KG) and Gross Margin (2020-2025)

Table 103. Weihai Guangwei Composites Business Overview

Table 104. Weihai Guangwei Composites Recent Developments

Table 105. Teijin Basic Information

Table 106. Teijin Long Carbon Fiber Product Overview

Table 107. Teijin Long Carbon Fiber Sales (K MT), Revenue (M USD), Price (USD/KG) and Gross Margin (2020-2025)

Table 108. Teijin Business Overview

Table 109. Teijin Recent Developments

Table 110. Jilin Tangu Carbon Fiber Basic Information

Table 111. Jilin Tangu Carbon Fiber Long Carbon Fiber Product Overview

Table 112. Jilin Tangu Carbon Fiber Long Carbon Fiber Sales (K MT), Revenue (M USD), Price (USD/KG) and Gross Margin (2020-2025)

Table 113. Jilin Tangu Carbon Fiber Business Overview

Table 114. Jilin Tangu Carbon Fiber Recent Developments

Table 115. LANXESS Basic Information

Table 116. LANXESS Long Carbon Fiber Product Overview

Table 117. LANXESS Long Carbon Fiber Sales (K MT), Revenue (M USD), Price (USD/KG) and Gross Margin (2020-2025)

Table 118. LANXESS Business Overview

Table 119. LANXESS Recent Developments

Table 120. China National Bluestar Basic Information

Table 121. China National Bluestar Long Carbon Fiber Product Overview

Table 122. China National Bluestar Long Carbon Fiber Sales (K MT), Revenue (M USD), Price (USD/KG) and Gross Margin (2020-2025)

Table 123. China National Bluestar Business Overview

Table 124. China National Bluestar Recent Developments

Table 125. Jiangsu Hengshen Basic Information

Table 126. Jiangsu Hengshen Long Carbon Fiber Product Overview

Table 127. Jiangsu Hengshen Long Carbon Fiber Sales (K MT), Revenue (M USD), Price (USD/KG) and Gross Margin (2020-2025)

Table 128. Jiangsu Hengshen Business Overview

Table 129. Jiangsu Hengshen Recent Developments

Table 130. Xiamen LFT Composite Plastic Basic Information

Table 131. Xiamen LFT Composite Plastic Long Carbon Fiber Product Overview

Table 132. Xiamen LFT Composite Plastic Long Carbon Fiber Sales (K MT), Revenue (M USD), Price (USD/KG) and Gross Margin (2020-2025)

Table 133. Xiamen LFT Composite Plastic Business Overview

Table 134. Xiamen LFT Composite Plastic Recent Developments

Table 135. Global Long Carbon Fiber Sales Forecast by Region (2026-2035) & (K MT)

Table 136. Global Long Carbon Fiber Market Size Forecast by Region (2026-2035) & (M USD)

Table 137. North America Long Carbon Fiber Sales Forecast by Country (2026-2035) & (K MT)

Table 138. North America Long Carbon Fiber Market Size Forecast by Country (2026-2035) & (M USD)

Table 139. Europe Long Carbon Fiber Sales Forecast by Country (2026-2035) & (K MT)

Table 140. Europe Long Carbon Fiber Market Size Forecast by Country (2026-2035) & (M USD)

Table 141. Asia Pacific Long Carbon Fiber Sales Forecast by Region (2026-2035) & (K MT)

Table 142. Asia Pacific Long Carbon Fiber Market Size Forecast by Region (2026-2035) & (M USD)

Table 143. South America Long Carbon Fiber Sales Forecast by Country (2026-2035) & (K MT)

Table 144. South America Long Carbon Fiber Market Size Forecast by Country (2026-2035) & (M USD)

Table 145. Middle East and Africa Long Carbon Fiber Sales Forecast by Country (2026-2035) & (Units)

Table 146. Middle East and Africa Long Carbon Fiber Market Size Forecast by Country (2026-2035) & (M USD)

Table 147. Global Long Carbon Fiber Sales Forecast by Type (2026-2035) & (K MT)

Table 148. Global Long Carbon Fiber Market Size Forecast by Type (2026-2035) & (M USD)

Table 149. Global Long Carbon Fiber Price Forecast by Type (2026-2035) & (USD/KG)

Table 150. Global Long Carbon Fiber Sales (K MT) Forecast by Application (2026-2035)

Table 151. Global Long Carbon Fiber Market Size Forecast by Application (2026-2035)

& (M USD)

## List Of Figures

### LIST OF FIGURES

- Figure 1. Product Picture of Long Carbon Fiber
- Figure 2. Data Triangulation
- Figure 3. Key Caveats
- Figure 4. Global Long Carbon Fiber Market Size (M USD), 2025-2035
- Figure 5. Global Long Carbon Fiber Market Size (M USD) (2020-2035)
- Figure 6. Global Long Carbon Fiber Sales (K MT) & (2020-2035)
- 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. Long Carbon Fiber Market Size by Country (M USD)
- Figure 11. Company Assessment Quadrant
- Figure 12. Global Long Carbon Fiber Product Life Cycle
- Figure 13. Long Carbon Fiber Sales Share by Manufacturers in 2025
- Figure 14. Global Long Carbon Fiber Revenue Share by Manufacturers in 2025
- Figure 15. Long Carbon Fiber Market Share by Company Type (Tier 1, Tier 2 and Tier 3): 2025
- Figure 16. Global Market Long Carbon Fiber Average Price (USD/KG) of Key Manufacturers in 2025
- Figure 17. The Global 5 and 10 Largest Players: Market Share by Long Carbon Fiber Revenue in 2025
- Figure 18. Industry Chain Map of Long Carbon Fiber
- Figure 19. Global Long Carbon Fiber Market PEST Analysis
- Figure 20. Global Long Carbon Fiber 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 Long Carbon Fiber Market Share by Type
- Figure 27. Sales Market Share of Long Carbon Fiber by Type (2020-2025)
- Figure 28. Sales Market Share of Long Carbon Fiber by Type in 2025
- Figure 29. Market Share of Long Carbon Fiber by Type (2020-2025)
- Figure 30. Market Share of Long Carbon Fiber by Type in 2025
- Figure 31. Evaluation Matrix of Segment Market Development Potential (Application)
- Figure 32. Global Long Carbon Fiber Market Share by Application

- Figure 33. Global Long Carbon Fiber Sales Market Share by Application (2020-2025)
- Figure 34. Global Long Carbon Fiber Sales Market Share by Application in 2025
- Figure 35. Global Long Carbon Fiber Market Share by Application (2020-2025)
- Figure 36. Global Long Carbon Fiber Market Share by Application in 2025
- Figure 37. Global Long Carbon Fiber Sales Growth Rate by Application (2020-2025)
- Figure 38. Global Long Carbon Fiber Sales Market Share by Region (2020-2025)
- Figure 39. Global Long Carbon Fiber Market Size by Region (2020-2025)
- Figure 40. North America Long Carbon Fiber Sales and Growth Rate (2020-2025) & (K MT)
- Figure 41. North America Long Carbon Fiber Sales and Growth Rate (2020-2025) & (K MT)
- Figure 42. North America Long Carbon Fiber Sales Market Share by Country in 2024
- Figure 43. North America Long Carbon Fiber Market Size and Growth Rate (2020-2025) & (M USD)
- Figure 44. North America Long Carbon Fiber Market Size by Country in 2024
- Figure 45. U.S. Long Carbon Fiber Sales and Growth Rate (2020-2025) & (K MT)
- Figure 46. U.S. Long Carbon Fiber Market Size and Growth Rate (2020-2025) & (M USD)
- Figure 47. Canada Long Carbon Fiber Sales (K MT) and Growth Rate (2020-2025)
- Figure 48. Canada Long Carbon Fiber Market Size (M USD) and Growth Rate (2020-2025)
- Figure 49. Mexico Long Carbon Fiber Sales (Units) and Growth Rate (2020-2025)
- Figure 50. Mexico Long Carbon Fiber Market Size (Units) and Growth Rate (2020-2025)
- Figure 51. Europe Long Carbon Fiber Sales and Growth Rate (2020-2025) & (K MT)
- Figure 52. Europe Long Carbon Fiber Sales Market Share by Country in 2024
- Figure 53. Europe Long Carbon Fiber Market Size and Growth Rate (2020-2025) & (M USD)
- Figure 54. Europe Long Carbon Fiber Market Size by Country in 2024
- Figure 55. Germany Long Carbon Fiber Sales and Growth Rate (2020-2025) & (K MT)
- Figure 56. Germany Long Carbon Fiber Market Size and Growth Rate (2020-2025) & (M USD)
- Figure 57. France Long Carbon Fiber Sales and Growth Rate (2020-2025) & (K MT)
- Figure 58. France Long Carbon Fiber Market Size and Growth Rate (2020-2025) & (M USD)
- Figure 59. U.K. Long Carbon Fiber Sales and Growth Rate (2020-2025) & (K MT)
- Figure 60. U.K. Long Carbon Fiber Market Size and Growth Rate (2020-2025) & (M USD)
- Figure 61. Italy Long Carbon Fiber Sales and Growth Rate (2020-2025) & (K MT)
- Figure 62. Italy Long Carbon Fiber Market Size and Growth Rate (2020-2025) & (M USD)

USD)

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

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

Figure 65. Asia Pacific Long Carbon Fiber Sales and Growth Rate (K MT)

Figure 66. Asia Pacific Long Carbon Fiber Sales Market Share by Region in 2024

Figure 67. Asia Pacific Long Carbon Fiber Market Size by Region in 2024

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

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

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

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

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

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

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

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

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

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

Figure 78. South America Long Carbon Fiber Sales and Growth Rate (K MT)

Figure 79. South America Long Carbon Fiber Sales Market Share by Country in 2024

Figure 80. South America Long Carbon Fiber Market Size and Growth Rate (M USD)

Figure 81. South America Long Carbon Fiber Market Size by Country in 2024

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

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

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

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

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

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

Figure 88. Middle East and Africa Long Carbon Fiber Sales and Growth Rate (K MT)

Figure 89. Middle East and Africa Long Carbon Fiber Sales Market Share by Region in

2024

Figure 90. Middle East and Africa Long Carbon Fiber Market Size and Growth Rate (M USD)

Figure 91. Middle East and Africa Long Carbon Fiber Market Size by Region in 2024

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

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

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

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

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

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

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

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

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

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

Figure 102. Global Long Carbon Fiber Production Market Share by Region (2020-2025)

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

Figure 104. Europe Long Carbon Fiber Production (K MT) Growth Rate (2020-2025)

Figure 105. Japan Long Carbon Fiber Production (K MT) Growth Rate (2020-2025)

Figure 106. China Long Carbon Fiber Production (K MT) Growth Rate (2020-2025)

Figure 107. Global Long Carbon Fiber Sales Forecast by Volume (2020-2035) & (K MT)

Figure 108. Global Long Carbon Fiber Market Size Forecast by Value (2020-2035) & (M USD)

Figure 109. Global Long Carbon Fiber Sales Market Share Forecast by Type (2026-2035)

Figure 110. Global Long Carbon Fiber Market Share Forecast by Type (2026-2035)

Figure 111. Global Long Carbon Fiber Sales Forecast by Application (2026-2035)

Figure 112. Global Long Carbon Fiber Market Share Forecast by Application (2026-2035)

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