

# Global Long Carbon Fiber Thermoplastic Supply, Demand and Key Producers, 2026-2032

<https://marketpublishers.com/r/G0855E88F603EN.html>

Date: April 2026

Pages: 107

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

ID: G0855E88F603EN

## Abstracts

The global Long Carbon Fiber Thermoplastic market size is expected to reach \$ 599 million by 2032, rising at a market growth of 4.7% CAGR during the forecast period (2026-2032).

Long carbon fiber thermoplastic (LCFT or CFRTP) is a composite material made by adding carbon fibers longer than 5 mm as reinforcement to a thermoplastic resin matrix (such as PA, PPS, or PEEK). It combines the lightweight and high strength of carbon fibers with the reprocessability of thermoplastics, exhibiting high rigidity, excellent impact resistance, corrosion resistance, and fatigue resistance. It is widely used in automotive, aerospace, and high-performance industrial components.

The upstream mainly consists of carbon fiber precursors (such as PAN-based carbon fiber) and thermoplastic resins (such as PP, PA, PPA, and PEEK). Carbon fibers provide the rigid skeleton, while the resin matrix determines the material's chemical resistance and processing limits. Downstream demand is primarily driven by the rigid requirements of 'lightweight' and 'high vibration damping' in new energy vehicles, commercial aerospace, and high-end industrial equipment. Furthermore, the recyclability of thermoplastic substrates is increasingly becoming a key factor in downstream material selection decisions.

Global sales are projected to reach approximately 7,000 tons in 2025, with an average ex-factory price of approximately \$60/kg. The industry's gross profit margin is around 25%-35%.

With the increasing global demand for both lightweight performance and sustainable development, long carbon fiber composites have become a core foundation supporting next-generation industrial design. Compared to thermoset composites, the industry is

shifting towards thermoplastic substrates.

The factors driving the development of the long carbon fiber thermoplastic industry are mainly concentrated in three dimensions: lightweight demand, environmental policies, and technological advancements. First, increasingly stringent global carbon reduction targets for transportation are driving automotive and aerospace manufacturers to accelerate the adoption of lightweight materials to replace traditional metal materials. Second, under the carbon neutrality strategy, the recyclable and reusable properties of thermoplastic composites align with the circular economy concept. Third, the explosive growth of the new energy vehicle and wind power industries has provided a vast market space for material applications.

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

This report is a detailed and comprehensive analysis of the world market for Long Carbon Fiber Thermoplastic 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 Long Carbon Fiber Thermoplastic that contribute to its increasing demand across many markets.

### **Highlights and key features of the study**

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

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

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

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

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

Global Long Carbon Fiber Thermoplastic production by manufacturer, production, price, value and market share 2021-2026, (USD Million) & (Tons)

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

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

This report profiles key players in the global Long Carbon Fiber Thermoplastic 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 Teijin, Syensqo, SGL Carbon, Celanese, Avient, Toray, Polyplastics, LEHVOSS Group, Kingfa Sci. & Tech, 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 Long Carbon Fiber Thermoplastic 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 Long Carbon Fiber Thermoplastic Market, By Region:

United States

China

Europe

Japan

South Korea

ASEAN

India

Rest of World

### Global Long Carbon Fiber Thermoplastic Market, Segmentation by Type:

PP

PA

PEEK

PPS

Other

### Global Long Carbon Fiber Thermoplastic Market, Segmentation by Carbon Fiber Content:

20%

30%

40%

Other

### Global Long Carbon Fiber Thermoplastic Market, Segmentation by Material Form:

Granules

Prepreg

Other

### Global Long Carbon Fiber Thermoplastic Market, Segmentation by Application:

Automotive

Aerospace

Sporting Goods

Industrial Goods

Others

#### Companies Profiled:

Teijin

Syensqo

SGL Carbon

Celanese

Avient

Toray

Polyplastics

LEHVOSS Group

Kingfa Sci. & Tech

#### **Key Questions Answered:**

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

## Contents

### 1 SUPPLY SUMMARY

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

### 2 DEMAND SUMMARY

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

### **3 WORLD MANUFACTURERS COMPETITIVE ANALYSIS**

- 3.1 World Long Carbon Fiber Thermoplastic Production Value by Manufacturer (2021-2026)
- 3.2 World Long Carbon Fiber Thermoplastic Production by Manufacturer (2021-2026)
- 3.3 World Long Carbon Fiber Thermoplastic Average Price by Manufacturer (2021-2026)
- 3.4 Long Carbon Fiber Thermoplastic Company Evaluation Quadrant
- 3.5 Industry Rank and Concentration Rate (CR)
  - 3.5.1 Global Long Carbon Fiber Thermoplastic Industry Rank of Major Manufacturers
  - 3.5.2 Global Concentration Ratios (CR4) for Long Carbon Fiber Thermoplastic in 2025
  - 3.5.3 Global Concentration Ratios (CR8) for Long Carbon Fiber Thermoplastic in 2025
- 3.6 Long Carbon Fiber Thermoplastic Market: Overall Company Footprint Analysis
  - 3.6.1 Long Carbon Fiber Thermoplastic Market: Region Footprint
  - 3.6.2 Long Carbon Fiber Thermoplastic Market: Company Product Type Footprint
  - 3.6.3 Long Carbon Fiber Thermoplastic 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: Long Carbon Fiber Thermoplastic Production Value Comparison
  - 4.1.1 United States VS China: Long Carbon Fiber Thermoplastic Production Value Comparison (2021 & 2025 & 2032)
  - 4.1.2 United States VS China: Long Carbon Fiber Thermoplastic Production Value Market Share Comparison (2021 & 2025 & 2032)
- 4.2 United States VS China: Long Carbon Fiber Thermoplastic Production Comparison
  - 4.2.1 United States VS China: Long Carbon Fiber Thermoplastic Production Comparison (2021 & 2025 & 2032)
  - 4.2.2 United States VS China: Long Carbon Fiber Thermoplastic Production Market Share Comparison (2021 & 2025 & 2032)
- 4.3 United States VS China: Long Carbon Fiber Thermoplastic Consumption

## Comparison

4.3.1 United States VS China: Long Carbon Fiber Thermoplastic Consumption

Comparison (2021 & 2025 & 2032)

4.3.2 United States VS China: Long Carbon Fiber Thermoplastic Consumption Market Share Comparison (2021 & 2025 & 2032)

4.4 United States Based Long Carbon Fiber Thermoplastic Manufacturers and Market Share, 2021-2026

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

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

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

4.5 China Based Long Carbon Fiber Thermoplastic Manufacturers and Market Share

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

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

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

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

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

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

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

## **5 MARKET ANALYSIS BY TYPE**

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

5.2 Segment Introduction by Type

5.2.1 PP

5.2.2 PA

5.2.3 PEEK

5.2.4 PPS

5.2.5 Other

### 5.3 Market Segment by Type

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

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

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

## 6 MARKET ANALYSIS BY CARBON FIBER CONTENT

6.1 World Long Carbon Fiber Thermoplastic Market Size Overview by Carbon Fiber Content: 2021 VS 2025 VS 2032

6.2 Segment Introduction by Carbon Fiber Content

6.2.1 20%

6.2.2 30%

6.2.3 40%

6.2.4 Other

6.3 Market Segment by Carbon Fiber Content

6.3.1 World Long Carbon Fiber Thermoplastic Production by Carbon Fiber Content (2021-2032)

6.3.2 World Long Carbon Fiber Thermoplastic Production Value by Carbon Fiber Content (2021-2032)

6.3.3 World Long Carbon Fiber Thermoplastic Average Price by Carbon Fiber Content (2021-2032)

## 7 MARKET ANALYSIS BY MATERIAL FORM

7.1 World Long Carbon Fiber Thermoplastic Market Size Overview by Material Form: 2021 VS 2025 VS 2032

7.2 Segment Introduction by Material Form

7.2.1 Granules

7.2.2 Prepreg

7.2.3 Other

7.3 Market Segment by Material Form

7.3.1 World Long Carbon Fiber Thermoplastic Production by Material Form (2021-2032)

7.3.2 World Long Carbon Fiber Thermoplastic Production Value by Material Form (2021-2032)

7.3.3 World Long Carbon Fiber Thermoplastic Average Price by Material Form (2021-2032)

## 8 MARKET ANALYSIS BY APPLICATION

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

8.2 Segment Introduction by Application

8.2.1 Automotive

8.2.2 Aerospace

8.2.3 Sporting Goods

8.2.4 Industrial Goods

8.2.5 Others

8.3 Market Segment by Application

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

8.3.2 World Long Carbon Fiber Thermoplastic Production Value by Application (2021-2032)

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

## 9 COMPANY PROFILES

9.1 Teijin

9.1.1 Teijin Details

9.1.2 Teijin Major Business

9.1.3 Teijin Long Carbon Fiber Thermoplastic Product and Services

9.1.4 Teijin Long Carbon Fiber Thermoplastic Production, Price, Value, Gross Margin and Market Share (2021-2026)

9.1.5 Teijin Recent Developments/Updates

9.1.6 Teijin Competitive Strengths & Weaknesses

9.2 Syensqo

9.2.1 Syensqo Details

9.2.2 Syensqo Major Business

9.2.3 Syensqo Long Carbon Fiber Thermoplastic Product and Services

9.2.4 Syensqo Long Carbon Fiber Thermoplastic Production, Price, Value, Gross Margin and Market Share (2021-2026)

9.2.5 Syensqo Recent Developments/Updates

9.2.6 Syensqo Competitive Strengths & Weaknesses

9.3 SGL Carbon

9.3.1 SGL Carbon Details

9.3.2 SGL Carbon Major Business

9.3.3 SGL Carbon Long Carbon Fiber Thermoplastic Product and Services

9.3.4 SGL Carbon Long Carbon Fiber Thermoplastic Production, Price, Value, Gross

## Margin and Market Share (2021-2026)

9.3.5 SGL Carbon Recent Developments/Updates

9.3.6 SGL Carbon Competitive Strengths & Weaknesses

## 9.4 Celanese

9.4.1 Celanese Details

9.4.2 Celanese Major Business

9.4.3 Celanese Long Carbon Fiber Thermoplastic Product and Services

9.4.4 Celanese Long Carbon Fiber Thermoplastic Production, Price, Value, Gross

## Margin and Market Share (2021-2026)

9.4.5 Celanese Recent Developments/Updates

9.4.6 Celanese Competitive Strengths & Weaknesses

## 9.5 Avient

9.5.1 Avient Details

9.5.2 Avient Major Business

9.5.3 Avient Long Carbon Fiber Thermoplastic Product and Services

9.5.4 Avient Long Carbon Fiber Thermoplastic Production, Price, Value, Gross Margin

## and Market Share (2021-2026)

9.5.5 Avient Recent Developments/Updates

9.5.6 Avient Competitive Strengths & Weaknesses

## 9.6 Toray

9.6.1 Toray Details

9.6.2 Toray Major Business

9.6.3 Toray Long Carbon Fiber Thermoplastic Product and Services

9.6.4 Toray Long Carbon Fiber Thermoplastic Production, Price, Value, Gross Margin

## and Market Share (2021-2026)

9.6.5 Toray Recent Developments/Updates

9.6.6 Toray Competitive Strengths & Weaknesses

## 9.7 Polyplastics

9.7.1 Polyplastics Details

9.7.2 Polyplastics Major Business

9.7.3 Polyplastics Long Carbon Fiber Thermoplastic Product and Services

9.7.4 Polyplastics Long Carbon Fiber Thermoplastic Production, Price, Value, Gross

## Margin and Market Share (2021-2026)

9.7.5 Polyplastics Recent Developments/Updates

9.7.6 Polyplastics Competitive Strengths & Weaknesses

## 9.8 LEHVOSS Group

9.8.1 LEHVOSS Group Details

9.8.2 LEHVOSS Group Major Business

9.8.3 LEHVOSS Group Long Carbon Fiber Thermoplastic Product and Services

9.8.4 LEHVOSS Group Long Carbon Fiber Thermoplastic Production, Price, Value, Gross Margin and Market Share (2021-2026)

9.8.5 LEHVOSS Group Recent Developments/Updates

9.8.6 LEHVOSS Group Competitive Strengths & Weaknesses

9.9 Kingfa Sci. & Tech

9.9.1 Kingfa Sci. & Tech Details

9.9.2 Kingfa Sci. & Tech Major Business

9.9.3 Kingfa Sci. & Tech Long Carbon Fiber Thermoplastic Product and Services

9.9.4 Kingfa Sci. & Tech Long Carbon Fiber Thermoplastic Production, Price, Value, Gross Margin and Market Share (2021-2026)

9.9.5 Kingfa Sci. & Tech Recent Developments/Updates

9.9.6 Kingfa Sci. & Tech Competitive Strengths & Weaknesses

## **10 INDUSTRY CHAIN ANALYSIS**

10.1 Long Carbon Fiber Thermoplastic Industry Chain

10.2 Long Carbon Fiber Thermoplastic Upstream Analysis

10.2.1 Long Carbon Fiber Thermoplastic Core Raw Materials

10.2.2 Main Manufacturers of Long Carbon Fiber Thermoplastic Core Raw Materials

10.3 Midstream Analysis

10.4 Downstream Analysis

10.5 Long Carbon Fiber Thermoplastic Production Mode

10.6 Long Carbon Fiber Thermoplastic Procurement Model

10.7 Long Carbon Fiber Thermoplastic Industry Sales Model and Sales Channels

10.7.1 Long Carbon Fiber Thermoplastic Sales Model

10.7.2 Long Carbon Fiber Thermoplastic 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 Long Carbon Fiber Thermoplastic Production Value by Region (2021, 2025 and 2032) & (USD Million)

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

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

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

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

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

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

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

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

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

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

Table 12. Long Carbon Fiber Thermoplastic Major Market Trends

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

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

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

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

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

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

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

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

Table 21. Global Long Carbon Fiber Thermoplastic Company Evaluation Quadrant

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

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

Table 24. Long Carbon Fiber Thermoplastic Market: Company Product Type Footprint

Table 25. Long Carbon Fiber Thermoplastic Market: Company Product Application Footprint

Table 26. Long Carbon Fiber Thermoplastic Competitive Factors

Table 27. Long Carbon Fiber Thermoplastic New Entrant and Capacity Expansion Plans

Table 28. Long Carbon Fiber Thermoplastic Mergers & Acquisitions Activity

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

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

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

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

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

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

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

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

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

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

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

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

Table 41. China Based Manufacturers Long Carbon Fiber Thermoplastic Production Market Share (2021-2026)

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

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

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

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

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

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

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

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

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

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

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

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

Table 54. World Long Carbon Fiber Thermoplastic Production Value by Carbon Fiber Content, (USD Million), 2021 & 2025 & 2032

Table 55. World Long Carbon Fiber Thermoplastic Production by Carbon Fiber Content (2021-2026) & (Tons)

Table 56. World Long Carbon Fiber Thermoplastic Production by Carbon Fiber Content (2027-2032) & (Tons)

Table 57. World Long Carbon Fiber Thermoplastic Production Value by Carbon Fiber Content (2021-2026) & (USD Million)

Table 58. World Long Carbon Fiber Thermoplastic Production Value by Carbon Fiber Content (2027-2032) & (USD Million)

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

Table 60. World Long Carbon Fiber Thermoplastic Average Price by Carbon Fiber

Content (2027-2032) & (US\$/kg)

Table 61. World Long Carbon Fiber Thermoplastic Production Value by Material Form, (USD Million), 2021 & 2025 & 2032

Table 62. World Long Carbon Fiber Thermoplastic Production by Material Form (2021-2026) & (Tons)

Table 63. World Long Carbon Fiber Thermoplastic Production by Material Form (2027-2032) & (Tons)

Table 64. World Long Carbon Fiber Thermoplastic Production Value by Material Form (2021-2026) & (USD Million)

Table 65. World Long Carbon Fiber Thermoplastic Production Value by Material Form (2027-2032) & (USD Million)

Table 66. World Long Carbon Fiber Thermoplastic Average Price by Material Form (2021-2026) & (US\$/kg)

Table 67. World Long Carbon Fiber Thermoplastic Average Price by Material Form (2027-2032) & (US\$/kg)

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

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

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

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

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

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

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

Table 75. Teijin Basic Information, Manufacturing Base and Competitors

Table 76. Teijin Major Business

Table 77. Teijin Long Carbon Fiber Thermoplastic Product and Services

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

Table 79. Teijin Recent Developments/Updates

Table 80. Teijin Competitive Strengths & Weaknesses

Table 81. Syensqo Basic Information, Manufacturing Base and Competitors

Table 82. Syensqo Major Business

Table 83. Syensqo Long Carbon Fiber Thermoplastic Product and Services

- Table 84. Syensqo Long Carbon Fiber Thermoplastic Production (Tons), Price (US\$/kg), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
- Table 85. Syensqo Recent Developments/Updates
- Table 86. Syensqo Competitive Strengths & Weaknesses
- Table 87. SGL Carbon Basic Information, Manufacturing Base and Competitors
- Table 88. SGL Carbon Major Business
- Table 89. SGL Carbon Long Carbon Fiber Thermoplastic Product and Services
- Table 90. SGL Carbon Long Carbon Fiber Thermoplastic Production (Tons), Price (US\$/kg), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
- Table 91. SGL Carbon Recent Developments/Updates
- Table 92. SGL Carbon Competitive Strengths & Weaknesses
- Table 93. Celanese Basic Information, Manufacturing Base and Competitors
- Table 94. Celanese Major Business
- Table 95. Celanese Long Carbon Fiber Thermoplastic Product and Services
- Table 96. Celanese Long Carbon Fiber Thermoplastic Production (Tons), Price (US\$/kg), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
- Table 97. Celanese Recent Developments/Updates
- Table 98. Celanese Competitive Strengths & Weaknesses
- Table 99. Avient Basic Information, Manufacturing Base and Competitors
- Table 100. Avient Major Business
- Table 101. Avient Long Carbon Fiber Thermoplastic Product and Services
- Table 102. Avient Long Carbon Fiber Thermoplastic Production (Tons), Price (US\$/kg), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
- Table 103. Avient Recent Developments/Updates
- Table 104. Avient Competitive Strengths & Weaknesses
- Table 105. Toray Basic Information, Manufacturing Base and Competitors
- Table 106. Toray Major Business
- Table 107. Toray Long Carbon Fiber Thermoplastic Product and Services
- Table 108. Toray Long Carbon Fiber Thermoplastic Production (Tons), Price (US\$/kg), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
- Table 109. Toray Recent Developments/Updates
- Table 110. Toray Competitive Strengths & Weaknesses
- Table 111. Polyplastics Basic Information, Manufacturing Base and Competitors
- Table 112. Polyplastics Major Business
- Table 113. Polyplastics Long Carbon Fiber Thermoplastic Product and Services
- Table 114. Polyplastics Long Carbon Fiber Thermoplastic Production (Tons), Price (US\$/kg), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
- Table 115. Polyplastics Recent Developments/Updates
- Table 116. Polyplastics Competitive Strengths & Weaknesses

Table 117. LEHVOSS Group Basic Information, Manufacturing Base and Competitors

Table 118. LEHVOSS Group Major Business

Table 119. LEHVOSS Group Long Carbon Fiber Thermoplastic Product and Services

Table 120. LEHVOSS Group Long Carbon Fiber Thermoplastic Production (Tons), Price (US\$/kg), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 121. LEHVOSS Group Recent Developments/Updates

Table 122. LEHVOSS Group Competitive Strengths & Weaknesses

Table 123. Kingfa Sci. & Tech Basic Information, Manufacturing Base and Competitors

Table 124. Kingfa Sci. & Tech Major Business

Table 125. Kingfa Sci. & Tech Long Carbon Fiber Thermoplastic Product and Services

Table 126. Kingfa Sci. & Tech Long Carbon Fiber Thermoplastic Production (Tons), Price (US\$/kg), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 127. Kingfa Sci. & Tech Recent Developments/Updates

Table 128. Kingfa Sci. & Tech Competitive Strengths & Weaknesses

Table 129. Global Key Players of Long Carbon Fiber Thermoplastic Upstream (Raw Materials)

Table 130. Global Long Carbon Fiber Thermoplastic Typical Customers

Table 131. Long Carbon Fiber Thermoplastic Typical Distributors

## List Of Figures

### LIST OF FIGURES

Figure 1. Long Carbon Fiber Thermoplastic Picture

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

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

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

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

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

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

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

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

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

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

Figure 12. Southeast Asia Long Carbon Fiber Thermoplastic Production (2021-2032) & (Tons)

Figure 13. Long Carbon Fiber Thermoplastic Market Drivers

Figure 14. Factors Affecting Demand

Figure 15. World Long Carbon Fiber Thermoplastic Consumption (2021-2032) & (Tons)

Figure 16. World Long Carbon Fiber Thermoplastic Consumption Market Share by Region (2021-2032)

Figure 17. United States Long Carbon Fiber Thermoplastic Consumption (2021-2032) & (Tons)

Figure 18. China Long Carbon Fiber Thermoplastic Consumption (2021-2032) & (Tons)

Figure 19. Europe Long Carbon Fiber Thermoplastic Consumption (2021-2032) & (Tons)

Figure 20. Japan Long Carbon Fiber Thermoplastic Consumption (2021-2032) & (Tons)

Figure 21. South Korea Long Carbon Fiber Thermoplastic Consumption (2021-2032) & (Tons)

Figure 22. ASEAN Long Carbon Fiber Thermoplastic Consumption (2021-2032) & (Tons)

Figure 23. India Long Carbon Fiber Thermoplastic Consumption (2021-2032) & (Tons)

Figure 24. Producer Shipments of Long Carbon Fiber Thermoplastic by Manufacturer Revenue (\$MM) and Market Share (%): 2025

Figure 25. Global Four-firm Concentration Ratios (CR4) for Long Carbon Fiber Thermoplastic Markets in 2025

Figure 26. Global Four-firm Concentration Ratios (CR8) for Long Carbon Fiber Thermoplastic Markets in 2025

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

Figure 28. United States VS China: Long Carbon Fiber Thermoplastic Production Market Share Comparison (2021 & 2025 & 2032)

Figure 29. United States VS China: Long Carbon Fiber Thermoplastic Consumption Market Share Comparison (2021 & 2025 & 2032)

Figure 30. United States Based Manufacturers Long Carbon Fiber Thermoplastic Production Market Share 2025

Figure 31. China Based Manufacturers Long Carbon Fiber Thermoplastic Production Market Share 2025

Figure 32. Rest of World Based Manufacturers Long Carbon Fiber Thermoplastic Production Market Share 2025

Figure 33. World Long Carbon Fiber Thermoplastic Production Value by Type, (USD Million), 2021 & 2025 & 2032

Figure 34. World Long Carbon Fiber Thermoplastic Production Value Market Share by Type in 2025

Figure 35. PP

Figure 36. PA

Figure 37. PEEK

Figure 38. PPS

Figure 39. Other

Figure 40. World Long Carbon Fiber Thermoplastic Production Market Share by Type (2021-2032)

Figure 41. World Long Carbon Fiber Thermoplastic Production Value Market Share by Type (2021-2032)

Figure 42. World Long Carbon Fiber Thermoplastic Average Price by Type (2021-2032) & (US\$/kg)

Figure 43. World Long Carbon Fiber Thermoplastic Production Value by Carbon Fiber Content, (USD Million), 2021 & 2025 & 2032

Figure 44. World Long Carbon Fiber Thermoplastic Production Value Market Share by Carbon Fiber Content in 2025

Figure 45. 20%

Figure 46. 30%

Figure 47. 40%

Figure 48. Other

Figure 49. World Long Carbon Fiber Thermoplastic Production Market Share by Carbon Fiber Content (2021-2032)

Figure 50. World Long Carbon Fiber Thermoplastic Production Value Market Share by Carbon Fiber Content (2021-2032)

Figure 51. World Long Carbon Fiber Thermoplastic Average Price by Carbon Fiber Content (2021-2032) & (US\$/kg)

Figure 52. World Long Carbon Fiber Thermoplastic Production Value by Material Form, (USD Million), 2021 & 2025 & 2032

Figure 53. World Long Carbon Fiber Thermoplastic Production Value Market Share by Material Form in 2025

Figure 54. Granules

Figure 55. Prepreg

Figure 56. Other

Figure 57. World Long Carbon Fiber Thermoplastic Production Market Share by Material Form (2021-2032)

Figure 58. World Long Carbon Fiber Thermoplastic Production Value Market Share by Material Form (2021-2032)

Figure 59. World Long Carbon Fiber Thermoplastic Average Price by Material Form (2021-2032) & (US\$/kg)

Figure 60. World Long Carbon Fiber Thermoplastic Production Value by Application, (USD Million), 2021 & 2025 & 2032

Figure 61. World Long Carbon Fiber Thermoplastic Production Value Market Share by Application in 2025

Figure 62. Automotive

Figure 63. Aerospace

Figure 64. Sporting Goods

Figure 65. Industrial Goods

Figure 66. Others

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

Figure 68. World Long Carbon Fiber Thermoplastic Production Value Market Share by Application (2021-2032)

Figure 69. World Long Carbon Fiber Thermoplastic Average Price by Application (2021-2032) & (US\$/kg)

Figure 70. Long Carbon Fiber Thermoplastic Industry Chain

Figure 71. Long Carbon Fiber Thermoplastic Procurement Model

Figure 72. Long Carbon Fiber Thermoplastic Sales Model

Figure 73. Long Carbon Fiber Thermoplastic Sales Channels, Direct Sales, and Distribution

Figure 74. Methodology

Figure 75. Research Process and Data Source

## I would like to order

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

Product link: <https://marketpublishers.com/r/G0855E88F603EN.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](mailto:info@marketpublishers.com)

## Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/G0855E88F603EN.html>