

Global Large-tow Carbon Fiber for Wind Turbine Blades Supply, Demand and Key Producers, 2026-2032

<https://marketpublishers.com/r/G685CA894CB5EN.html>

Date: July 2026

Pages: 102

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

ID: G685CA894CB5EN

Abstracts

The global Large-tow Carbon Fiber for Wind Turbine Blades market size is expected to reach \$ 1306 million by 2032, rising at a market growth of 10.4% CAGR during the forecast period (2026-2032).

Large-tow Carbon Fiber for Wind Turbine Blades refers to high-filament-count continuous carbon fiber tow used as a reinforcing material in wind blade composite structures, especially in spar caps and other load-bearing sections. In this application, large tow carbon fiber is selected not only for high strength, but more importantly for its high stiffness-to-weight ratio, fatigue resistance and suitability for efficient composite processing. Compared with glass fiber, it can help blade designers reduce structural weight, improve blade stiffness and support longer, slimmer blade designs, which are important for improving wind energy capture and reducing excessive blade deflection.

In 2025, global sales of Large-tow Carbon Fiber for Wind Turbine Blades reached approximately 41 K tons, with an average global market price of around US\$ 16/kg. Production capacity varies significantly among manufacturers, with gross profit margins ranging from approximately 30% to 60%.

Large-tow Carbon Fiber for Wind Turbine Blades is one of the most representative industrialized applications of carbon fiber in the renewable energy equipment sector. Its demand growth is mainly driven by the trend toward larger and lighter wind turbine blades. As blade length increases, traditional glass-fiber structures face greater pressure in weight, stiffness and fatigue performance. Carbon fiber, with its higher stiffness-to-weight ratio and better structural efficiency, is increasingly used in key load-bearing sections such as spar caps. For blade manufacturers, its value is not limited to

a single mechanical property; it can help reduce blade weight, control deflection, improve fatigue life and enhance the overall economics of manufacturing, transporting and installing large blades.

The market outlook remains positive. Offshore wind power, large turbines for low-wind-speed areas, longer blade designs and the need for higher turbine efficiency will continue to support demand for high-performance reinforcement materials. At the same time, advances in pultruded carbon strips, multiaxial fabrics and resin system optimization are improving processing efficiency and cost performance. Because the wind power industry is highly cost-sensitive, future adoption will not depend only on carbon fiber performance. It will depend on whether the material can deliver a clear overall benefit in weight reduction, stiffness improvement, service-life extension and cost control.

From a competitive perspective, Large-tow Carbon Fiber for Wind Turbine Blades places strong emphasis on scalable supply, batch stability, resin impregnation, pultrusion compatibility and downstream validation experience. Compared with small-tow carbon fiber used in aerospace, this market has stronger requirements for cost control and delivery capability, but that does not mean the technical threshold is low. Future competition will focus on low-cost precursor and carbonization capability, stable sizing systems, composite intermediate development, joint validation with blade manufacturers and long-term supply assurance. Overall, this product will continue to benefit from larger wind turbine blades, but suppliers must combine material performance, manufacturing efficiency and value-chain coordination.

This report studies the global Large-tow Carbon Fiber for Wind Turbine Blades production, demand, key manufacturers, and key regions.

This report is a detailed and comprehensive analysis of the world market for Large-tow Carbon Fiber for Wind Turbine Blades 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 Large-tow Carbon Fiber for Wind Turbine Blades that contribute to its increasing demand across many markets.

Highlights and key features of the study

Global Large-tow Carbon Fiber for Wind Turbine Blades total production and demand, 2021-2032, (Tons)

Global Large-tow Carbon Fiber for Wind Turbine Blades total production value,

2021-2032, (USD Million)

Global Large-tow Carbon Fiber for Wind Turbine Blades production by region & country, production, value, CAGR, 2021-2032, (USD Million) & (Tons), (based on production site)

Global Large-tow Carbon Fiber for Wind Turbine Blades consumption by region & country, CAGR, 2021-2032 & (Tons)

U.S. VS China: Large-tow Carbon Fiber for Wind Turbine Blades domestic production, consumption, key domestic manufacturers and share

Global Large-tow Carbon Fiber for Wind Turbine Blades production by manufacturer, production, price, value and market share 2021-2026, (USD Million) & (Tons)

Global Large-tow Carbon Fiber for Wind Turbine Blades production by Type, production, value, CAGR, 2021-2032, (USD Million) & (Tons)

Global Large-tow Carbon Fiber for Wind Turbine Blades production by Application, production, value, CAGR, 2021-2032, (USD Million) & (Tons)

This report profiles key players in the global Large-tow Carbon Fiber for Wind Turbine Blades 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, SGL Carbon, Formosa Plastics, Aksa Carbon, Zhongfu Shenying, Baowu Carbon, Jiangsu Hengshen, Newtech Group, 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 Large-tow Carbon Fiber for Wind Turbine Blades market

Detailed Segmentation:

Each section contains quantitative market data including market by value (US\$ Millions), volume (production, consumption) & (Tons) and average price (US\$/Ton) 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 Large-tow Carbon Fiber for Wind Turbine Blades Market, By Region:

United States

China

Europe

Japan

South Korea

ASEAN

India

Rest of World

Global Large-tow Carbon Fiber for Wind Turbine Blades Market, Segmentation by Type:

48K

50K

Other

Global Large-tow Carbon Fiber for Wind Turbine Blades Market, Segmentation by Modulus:

Standard Modulus

Intermediate Modulus

High Modulus

Global Large-tow Carbon Fiber for Wind Turbine Blades Market, Segmentation by Resin System:

Epoxy

Vinyl Ester

Polyurethane

Global Large-tow Carbon Fiber for Wind Turbine Blades Market, Segmentation by Application:

Onshore Wind Turbine Blades

Offshore Wind Turbine Blades

Companies Profiled:

Toray

Mitsubishi Chemical

SGL Carbon

Formosa Plastics

Aksa Carbon

Zhongfu Shenying

Baowu Carbon

Jiangsu Hengshen

Newtech Group

Key Questions Answered:

1. How big is the global Large-tow Carbon Fiber for Wind Turbine Blades market?
2. What is the demand of the global Large-tow Carbon Fiber for Wind Turbine Blades market?

3. What is the year over year growth of the global Large-tow Carbon Fiber for Wind Turbine Blades market?
4. What is the production and production value of the global Large-tow Carbon Fiber for Wind Turbine Blades market?
5. Who are the key producers in the global Large-tow Carbon Fiber for Wind Turbine Blades market?
6. What are the growth factors driving the market demand?

Contents

1 SUPPLY SUMMARY

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

2 DEMAND SUMMARY

- 2.1 World Large-tow Carbon Fiber for Wind Turbine Blades Demand (2021-2032)
- 2.2 World Large-tow Carbon Fiber for Wind Turbine Blades Consumption by Region
 - 2.2.1 World Large-tow Carbon Fiber for Wind Turbine Blades Consumption by Region (2021-2026)
 - 2.2.2 World Large-tow Carbon Fiber for Wind Turbine Blades Consumption Forecast by Region (2027-2032)
- 2.3 United States Large-tow Carbon Fiber for Wind Turbine Blades Consumption (2021-2032)

- 2.4 China Large-tow Carbon Fiber for Wind Turbine Blades Consumption (2021-2032)
- 2.5 Europe Large-tow Carbon Fiber for Wind Turbine Blades Consumption (2021-2032)
- 2.6 Japan Large-tow Carbon Fiber for Wind Turbine Blades Consumption (2021-2032)
- 2.7 South Korea Large-tow Carbon Fiber for Wind Turbine Blades Consumption (2021-2032)
- 2.8 ASEAN Large-tow Carbon Fiber for Wind Turbine Blades Consumption (2021-2032)
- 2.9 India Large-tow Carbon Fiber for Wind Turbine Blades Consumption (2021-2032)

3 WORLD MANUFACTURERS COMPETITIVE ANALYSIS

- 3.1 World Large-tow Carbon Fiber for Wind Turbine Blades Production Value by Manufacturer (2021-2026)
- 3.2 World Large-tow Carbon Fiber for Wind Turbine Blades Production by Manufacturer (2021-2026)
- 3.3 World Large-tow Carbon Fiber for Wind Turbine Blades Average Price by Manufacturer (2021-2026)
- 3.4 Large-tow Carbon Fiber for Wind Turbine Blades Company Evaluation Quadrant
- 3.5 Industry Rank and Concentration Rate (CR)
 - 3.5.1 Global Large-tow Carbon Fiber for Wind Turbine Blades Industry Rank of Major Manufacturers
 - 3.5.2 Global Concentration Ratios (CR4) for Large-tow Carbon Fiber for Wind Turbine Blades in 2025
 - 3.5.3 Global Concentration Ratios (CR8) for Large-tow Carbon Fiber for Wind Turbine Blades in 2025
- 3.6 Large-tow Carbon Fiber for Wind Turbine Blades Market: Overall Company Footprint Analysis
 - 3.6.1 Large-tow Carbon Fiber for Wind Turbine Blades Market: Region Footprint
 - 3.6.2 Large-tow Carbon Fiber for Wind Turbine Blades Market: Company Product Type Footprint
 - 3.6.3 Large-tow Carbon Fiber for Wind Turbine Blades 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: Large-tow Carbon Fiber for Wind Turbine Blades Production Value Comparison

4.1.1 United States VS China: Large-tow Carbon Fiber for Wind Turbine Blades Production Value Comparison (2021 & 2025 & 2032)

4.1.2 United States VS China: Large-tow Carbon Fiber for Wind Turbine Blades Production Value Market Share Comparison (2021 & 2025 & 2032)

4.2 United States VS China: Large-tow Carbon Fiber for Wind Turbine Blades Production Comparison

4.2.1 United States VS China: Large-tow Carbon Fiber for Wind Turbine Blades Production Comparison (2021 & 2025 & 2032)

4.2.2 United States VS China: Large-tow Carbon Fiber for Wind Turbine Blades Production Market Share Comparison (2021 & 2025 & 2032)

4.3 United States VS China: Large-tow Carbon Fiber for Wind Turbine Blades Consumption Comparison

4.3.1 United States VS China: Large-tow Carbon Fiber for Wind Turbine Blades Consumption Comparison (2021 & 2025 & 2032)

4.3.2 United States VS China: Large-tow Carbon Fiber for Wind Turbine Blades Consumption Market Share Comparison (2021 & 2025 & 2032)

4.4 United States Based Large-tow Carbon Fiber for Wind Turbine Blades Manufacturers and Market Share, 2021-2026

4.4.1 United States Based Large-tow Carbon Fiber for Wind Turbine Blades Manufacturers, Headquarters and Production Site (States, Country)

4.4.2 United States Based Manufacturers Large-tow Carbon Fiber for Wind Turbine Blades Production Value (2021-2026)

4.4.3 United States Based Manufacturers Large-tow Carbon Fiber for Wind Turbine Blades Production (2021-2026)

4.5 China Based Large-tow Carbon Fiber for Wind Turbine Blades Manufacturers and Market Share

4.5.1 China Based Large-tow Carbon Fiber for Wind Turbine Blades Manufacturers, Headquarters and Production Site (Province, Country)

4.5.2 China Based Manufacturers Large-tow Carbon Fiber for Wind Turbine Blades Production Value (2021-2026)

4.5.3 China Based Manufacturers Large-tow Carbon Fiber for Wind Turbine Blades Production (2021-2026)

4.6 Rest of World Based Large-tow Carbon Fiber for Wind Turbine Blades Manufacturers and Market Share, 2021-2026

4.6.1 Rest of World Based Large-tow Carbon Fiber for Wind Turbine Blades Manufacturers, Headquarters and Production Site (State, Country)

4.6.2 Rest of World Based Manufacturers Large-tow Carbon Fiber for Wind Turbine Blades Production Value (2021-2026)

4.6.3 Rest of World Based Manufacturers Large-tow Carbon Fiber for Wind Turbine Blades Production (2021-2026)

5 MARKET ANALYSIS BY TYPE

5.1 World Large-tow Carbon Fiber for Wind Turbine Blades Market Size Overview by Type: 2021 VS 2025 VS 2032

5.2 Segment Introduction by Type

5.2.1 48K

5.2.2 50K

5.2.3 Other

5.3 Market Segment by Type

5.3.1 World Large-tow Carbon Fiber for Wind Turbine Blades Production by Type (2021-2032)

5.3.2 World Large-tow Carbon Fiber for Wind Turbine Blades Production Value by Type (2021-2032)

5.3.3 World Large-tow Carbon Fiber for Wind Turbine Blades Average Price by Type (2021-2032)

6 MARKET ANALYSIS BY MODULUS

6.1 World Large-tow Carbon Fiber for Wind Turbine Blades Market Size Overview by Modulus: 2021 VS 2025 VS 2032

6.2 Segment Introduction by Modulus

6.2.1 Standard Modulus

6.2.2 Intermediate Modulus

6.2.3 High Modulus

6.3 Market Segment by Modulus

6.3.1 World Large-tow Carbon Fiber for Wind Turbine Blades Production by Modulus (2021-2032)

6.3.2 World Large-tow Carbon Fiber for Wind Turbine Blades Production Value by Modulus (2021-2032)

6.3.3 World Large-tow Carbon Fiber for Wind Turbine Blades Average Price by Modulus (2021-2032)

7 MARKET ANALYSIS BY RESIN SYSTEM

7.1 World Large-tow Carbon Fiber for Wind Turbine Blades Market Size Overview by Resin System: 2021 VS 2025 VS 2032

7.2 Segment Introduction by Resin System

7.2.1 Epoxy

7.2.2 Vinyl Ester

7.2.3 Polyurethane

7.3 Market Segment by Resin System

7.3.1 World Large-tow Carbon Fiber for Wind Turbine Blades Production by Resin System (2021-2032)

7.3.2 World Large-tow Carbon Fiber for Wind Turbine Blades Production Value by Resin System (2021-2032)

7.3.3 World Large-tow Carbon Fiber for Wind Turbine Blades Average Price by Resin System (2021-2032)

8 MARKET ANALYSIS BY APPLICATION

8.1 World Large-tow Carbon Fiber for Wind Turbine Blades Market Size Overview by Application: 2021 VS 2025 VS 2032

8.2 Segment Introduction by Application

8.2.1 Onshore Wind Turbine Blades

8.2.2 Offshore Wind Turbine Blades

8.3 Market Segment by Application

8.3.1 World Large-tow Carbon Fiber for Wind Turbine Blades Production by Application (2021-2032)

8.3.2 World Large-tow Carbon Fiber for Wind Turbine Blades Production Value by Application (2021-2032)

8.3.3 World Large-tow Carbon Fiber for Wind Turbine Blades 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 Large-tow Carbon Fiber for Wind Turbine Blades Product and Services

9.1.4 Toray Large-tow Carbon Fiber for Wind Turbine Blades 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 Large-tow Carbon Fiber for Wind Turbine Blades Product and Services

9.2.4 Mitsubishi Chemical Large-tow Carbon Fiber for Wind Turbine Blades 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 SGL Carbon

9.3.1 SGL Carbon Details

9.3.2 SGL Carbon Major Business

9.3.3 SGL Carbon Large-tow Carbon Fiber for Wind Turbine Blades Product and Services

9.3.4 SGL Carbon Large-tow Carbon Fiber for Wind Turbine Blades 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 Formosa Plastics

9.4.1 Formosa Plastics Details

9.4.2 Formosa Plastics Major Business

9.4.3 Formosa Plastics Large-tow Carbon Fiber for Wind Turbine Blades Product and Services

9.4.4 Formosa Plastics Large-tow Carbon Fiber for Wind Turbine Blades Production, Price, Value, Gross Margin and Market Share (2021-2026)

9.4.5 Formosa Plastics Recent Developments/Updates

9.4.6 Formosa Plastics Competitive Strengths & Weaknesses

9.5 Aksa Carbon

9.5.1 Aksa Carbon Details

9.5.2 Aksa Carbon Major Business

9.5.3 Aksa Carbon Large-tow Carbon Fiber for Wind Turbine Blades Product and Services

9.5.4 Aksa Carbon Large-tow Carbon Fiber for Wind Turbine Blades Production, Price, Value, Gross Margin and Market Share (2021-2026)

9.5.5 Aksa Carbon Recent Developments/Updates

9.5.6 Aksa Carbon Competitive Strengths & Weaknesses

9.6 Zhongfu Shenying

9.6.1 Zhongfu Shenying Details

9.6.2 Zhongfu Shenying Major Business

9.6.3 Zhongfu Shenying Large-tow Carbon Fiber for Wind Turbine Blades Product and Services

9.6.4 Zhongfu Shenying Large-tow Carbon Fiber for Wind Turbine Blades Production, Price, Value, Gross Margin and Market Share (2021-2026)

9.6.5 Zhongfu Shenying Recent Developments/Updates

9.6.6 Zhongfu Shenying Competitive Strengths & Weaknesses

9.7 Baowu Carbon

9.7.1 Baowu Carbon Details

9.7.2 Baowu Carbon Major Business

9.7.3 Baowu Carbon Large-tow Carbon Fiber for Wind Turbine Blades Product and Services

9.7.4 Baowu Carbon Large-tow Carbon Fiber for Wind Turbine Blades Production, Price, Value, Gross Margin and Market Share (2021-2026)

9.7.5 Baowu Carbon Recent Developments/Updates

9.7.6 Baowu Carbon Competitive Strengths & Weaknesses

9.8 Jiangsu Hengshen

9.8.1 Jiangsu Hengshen Details

9.8.2 Jiangsu Hengshen Major Business

9.8.3 Jiangsu Hengshen Large-tow Carbon Fiber for Wind Turbine Blades Product and Services

9.8.4 Jiangsu Hengshen Large-tow Carbon Fiber for Wind Turbine Blades Production, Price, Value, Gross Margin and Market Share (2021-2026)

9.8.5 Jiangsu Hengshen Recent Developments/Updates

9.8.6 Jiangsu Hengshen Competitive Strengths & Weaknesses

9.9 Newtech Group

9.9.1 Newtech Group Details

9.9.2 Newtech Group Major Business

9.9.3 Newtech Group Large-tow Carbon Fiber for Wind Turbine Blades Product and Services

9.9.4 Newtech Group Large-tow Carbon Fiber for Wind Turbine Blades Production, Price, Value, Gross Margin and Market Share (2021-2026)

9.9.5 Newtech Group Recent Developments/Updates

9.9.6 Newtech Group Competitive Strengths & Weaknesses

10 INDUSTRY CHAIN ANALYSIS

10.1 Large-tow Carbon Fiber for Wind Turbine Blades Industry Chain

10.2 Large-tow Carbon Fiber for Wind Turbine Blades Upstream Analysis

10.2.1 Large-tow Carbon Fiber for Wind Turbine Blades Core Raw Materials

10.2.2 Main Manufacturers of Large-tow Carbon Fiber for Wind Turbine Blades Core Raw Materials

10.3 Midstream Analysis

10.4 Downstream Analysis

10.5 Large-tow Carbon Fiber for Wind Turbine Blades Production Mode

10.6 Large-tow Carbon Fiber for Wind Turbine Blades Procurement Model

10.7 Large-tow Carbon Fiber for Wind Turbine Blades Industry Sales Model and Sales Channels

10.7.1 Large-tow Carbon Fiber for Wind Turbine Blades Sales Model

10.7.2 Large-tow Carbon Fiber for Wind Turbine Blades 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 Large-tow Carbon Fiber for Wind Turbine Blades Production Value by Region (2021, 2025 and 2032) & (USD Million)

Table 2. World Large-tow Carbon Fiber for Wind Turbine Blades Production Value by Region (2021-2026) & (USD Million)

Table 3. World Large-tow Carbon Fiber for Wind Turbine Blades Production Value by Region (2027-2032) & (USD Million)

Table 4. World Large-tow Carbon Fiber for Wind Turbine Blades Production Value Market Share by Region (2021-2026)

Table 5. World Large-tow Carbon Fiber for Wind Turbine Blades Production Value Market Share by Region (2027-2032)

Table 6. World Large-tow Carbon Fiber for Wind Turbine Blades Production by Region (2021-2026) & (Tons)

Table 7. World Large-tow Carbon Fiber for Wind Turbine Blades Production by Region (2027-2032) & (Tons)

Table 8. World Large-tow Carbon Fiber for Wind Turbine Blades Production Market Share by Region (2021-2026)

Table 9. World Large-tow Carbon Fiber for Wind Turbine Blades Production Market Share by Region (2027-2032)

Table 10. World Large-tow Carbon Fiber for Wind Turbine Blades Average Price by Region (2021-2026) & (US\$/Ton)

Table 11. World Large-tow Carbon Fiber for Wind Turbine Blades Average Price by Region (2027-2032) & (US\$/Ton)

Table 12. Large-tow Carbon Fiber for Wind Turbine Blades Major Market Trends

Table 13. World Large-tow Carbon Fiber for Wind Turbine Blades Consumption Growth Rate Forecast by Region (2021 & 2025 & 2032) & (Tons)

Table 14. World Large-tow Carbon Fiber for Wind Turbine Blades Consumption by Region (2021-2026) & (Tons)

Table 15. World Large-tow Carbon Fiber for Wind Turbine Blades Consumption Forecast by Region (2027-2032) & (Tons)

Table 16. World Large-tow Carbon Fiber for Wind Turbine Blades Production Value by Manufacturer (2021-2026) & (USD Million)

Table 17. Production Value Market Share of Key Large-tow Carbon Fiber for Wind Turbine Blades Producers in 2025

Table 18. World Large-tow Carbon Fiber for Wind Turbine Blades Production by Manufacturer (2021-2026) & (Tons)

Table 19. Production Market Share of Key Large-tow Carbon Fiber for Wind Turbine Blades Producers in 2025

Table 20. World Large-tow Carbon Fiber for Wind Turbine Blades Average Price by Manufacturer (2021-2026) & (US\$/Ton)

Table 21. Global Large-tow Carbon Fiber for Wind Turbine Blades Company Evaluation Quadrant

Table 22. World Large-tow Carbon Fiber for Wind Turbine Blades Industry Rank of Major Manufacturers, Based on Production Value in 2025

Table 23. Head Office and Large-tow Carbon Fiber for Wind Turbine Blades Production Site of Key Manufacturer

Table 24. Large-tow Carbon Fiber for Wind Turbine Blades Market: Company Product Type Footprint

Table 25. Large-tow Carbon Fiber for Wind Turbine Blades Market: Company Product Application Footprint

Table 26. Large-tow Carbon Fiber for Wind Turbine Blades Competitive Factors

Table 27. Large-tow Carbon Fiber for Wind Turbine Blades New Entrant and Capacity Expansion Plans

Table 28. Large-tow Carbon Fiber for Wind Turbine Blades Mergers & Acquisitions Activity

Table 29. United States VS China Large-tow Carbon Fiber for Wind Turbine Blades Production Value Comparison, (2021 & 2025 & 2032) & (USD Million)

Table 30. United States VS China Large-tow Carbon Fiber for Wind Turbine Blades Production Comparison, (2021 & 2025 & 2032) & (Tons)

Table 31. United States VS China Large-tow Carbon Fiber for Wind Turbine Blades Consumption Comparison, (2021 & 2025 & 2032) & (Tons)

Table 32. United States Based Large-tow Carbon Fiber for Wind Turbine Blades Manufacturers, Headquarters and Production Site (States, Country)

Table 33. United States Based Manufacturers Large-tow Carbon Fiber for Wind Turbine Blades Production Value, (2021-2026) & (USD Million)

Table 34. United States Based Manufacturers Large-tow Carbon Fiber for Wind Turbine Blades Production Value Market Share (2021-2026)

Table 35. United States Based Manufacturers Large-tow Carbon Fiber for Wind Turbine Blades Production (2021-2026) & (Tons)

Table 36. United States Based Manufacturers Large-tow Carbon Fiber for Wind Turbine Blades Production Market Share (2021-2026)

Table 37. China Based Large-tow Carbon Fiber for Wind Turbine Blades Manufacturers, Headquarters and Production Site (Province, Country)

Table 38. China Based Manufacturers Large-tow Carbon Fiber for Wind Turbine Blades Production Value, (2021-2026) & (USD Million)

Table 39. China Based Manufacturers Large-tow Carbon Fiber for Wind Turbine Blades Production Value Market Share (2021-2026)

Table 40. China Based Manufacturers Large-tow Carbon Fiber for Wind Turbine Blades Production, (2021-2026) & (Tons)

Table 41. China Based Manufacturers Large-tow Carbon Fiber for Wind Turbine Blades Production Market Share (2021-2026)

Table 42. Rest of World Based Large-tow Carbon Fiber for Wind Turbine Blades Manufacturers, Headquarters and Production Site (State, Country)

Table 43. Rest of World Based Manufacturers Large-tow Carbon Fiber for Wind Turbine Blades Production Value, (2021-2026) & (USD Million)

Table 44. Rest of World Based Manufacturers Large-tow Carbon Fiber for Wind Turbine Blades Production Value Market Share (2021-2026)

Table 45. Rest of World Based Manufacturers Large-tow Carbon Fiber for Wind Turbine Blades Production, (2021-2026) & (Tons)

Table 46. Rest of World Based Manufacturers Large-tow Carbon Fiber for Wind Turbine Blades Production Market Share (2021-2026)

Table 47. World Large-tow Carbon Fiber for Wind Turbine Blades Production Value by Type, (USD Million), 2021 & 2025 & 2032

Table 48. World Large-tow Carbon Fiber for Wind Turbine Blades Production by Type (2021-2026) & (Tons)

Table 49. World Large-tow Carbon Fiber for Wind Turbine Blades Production by Type (2027-2032) & (Tons)

Table 50. World Large-tow Carbon Fiber for Wind Turbine Blades Production Value by Type (2021-2026) & (USD Million)

Table 51. World Large-tow Carbon Fiber for Wind Turbine Blades Production Value by Type (2027-2032) & (USD Million)

Table 52. World Large-tow Carbon Fiber for Wind Turbine Blades Average Price by Type (2021-2026) & (US\$/Ton)

Table 53. World Large-tow Carbon Fiber for Wind Turbine Blades Average Price by Type (2027-2032) & (US\$/Ton)

Table 54. World Large-tow Carbon Fiber for Wind Turbine Blades Production Value by Modulus, (USD Million), 2021 & 2025 & 2032

Table 55. World Large-tow Carbon Fiber for Wind Turbine Blades Production by Modulus (2021-2026) & (Tons)

Table 56. World Large-tow Carbon Fiber for Wind Turbine Blades Production by Modulus (2027-2032) & (Tons)

Table 57. World Large-tow Carbon Fiber for Wind Turbine Blades Production Value by Modulus (2021-2026) & (USD Million)

Table 58. World Large-tow Carbon Fiber for Wind Turbine Blades Production Value by

Modulus (2027-2032) & (USD Million)

Table 59. World Large-tow Carbon Fiber for Wind Turbine Blades Average Price by Modulus (2021-2026) & (US\$/Ton)

Table 60. World Large-tow Carbon Fiber for Wind Turbine Blades Average Price by Modulus (2027-2032) & (US\$/Ton)

Table 61. World Large-tow Carbon Fiber for Wind Turbine Blades Production Value by Resin System, (USD Million), 2021 & 2025 & 2032

Table 62. World Large-tow Carbon Fiber for Wind Turbine Blades Production by Resin System (2021-2026) & (Tons)

Table 63. World Large-tow Carbon Fiber for Wind Turbine Blades Production by Resin System (2027-2032) & (Tons)

Table 64. World Large-tow Carbon Fiber for Wind Turbine Blades Production Value by Resin System (2021-2026) & (USD Million)

Table 65. World Large-tow Carbon Fiber for Wind Turbine Blades Production Value by Resin System (2027-2032) & (USD Million)

Table 66. World Large-tow Carbon Fiber for Wind Turbine Blades Average Price by Resin System (2021-2026) & (US\$/Ton)

Table 67. World Large-tow Carbon Fiber for Wind Turbine Blades Average Price by Resin System (2027-2032) & (US\$/Ton)

Table 68. World Large-tow Carbon Fiber for Wind Turbine Blades Production Value by Application, (USD Million), 2021 & 2025 & 2032

Table 69. World Large-tow Carbon Fiber for Wind Turbine Blades Production by Application (2021-2026) & (Tons)

Table 70. World Large-tow Carbon Fiber for Wind Turbine Blades Production by Application (2027-2032) & (Tons)

Table 71. World Large-tow Carbon Fiber for Wind Turbine Blades Production Value by Application (2021-2026) & (USD Million)

Table 72. World Large-tow Carbon Fiber for Wind Turbine Blades Production Value by Application (2027-2032) & (USD Million)

Table 73. World Large-tow Carbon Fiber for Wind Turbine Blades Average Price by Application (2021-2026) & (US\$/Ton)

Table 74. World Large-tow Carbon Fiber for Wind Turbine Blades Average Price by Application (2027-2032) & (US\$/Ton)

Table 75. Toray Basic Information, Manufacturing Base and Competitors

Table 76. Toray Major Business

Table 77. Toray Large-tow Carbon Fiber for Wind Turbine Blades Product and Services

Table 78. Toray Large-tow Carbon Fiber for Wind Turbine Blades Production (Tons), Price (US\$/Ton), 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 Large-tow Carbon Fiber for Wind Turbine Blades Product and Services

Table 84. Mitsubishi Chemical Large-tow Carbon Fiber for Wind Turbine Blades Production (Tons), Price (US\$/Ton), 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. SGL Carbon Basic Information, Manufacturing Base and Competitors

Table 88. SGL Carbon Major Business

Table 89. SGL Carbon Large-tow Carbon Fiber for Wind Turbine Blades Product and Services

Table 90. SGL Carbon Large-tow Carbon Fiber for Wind Turbine Blades Production (Tons), Price (US\$/Ton), 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. Formosa Plastics Basic Information, Manufacturing Base and Competitors

Table 94. Formosa Plastics Major Business

Table 95. Formosa Plastics Large-tow Carbon Fiber for Wind Turbine Blades Product and Services

Table 96. Formosa Plastics Large-tow Carbon Fiber for Wind Turbine Blades Production (Tons), Price (US\$/Ton), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 97. Formosa Plastics Recent Developments/Updates

Table 98. Formosa Plastics Competitive Strengths & Weaknesses

Table 99. Aksa Carbon Basic Information, Manufacturing Base and Competitors

Table 100. Aksa Carbon Major Business

Table 101. Aksa Carbon Large-tow Carbon Fiber for Wind Turbine Blades Product and Services

Table 102. Aksa Carbon Large-tow Carbon Fiber for Wind Turbine Blades Production (Tons), Price (US\$/Ton), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 103. Aksa Carbon Recent Developments/Updates

Table 104. Aksa Carbon Competitive Strengths & Weaknesses

Table 105. Zhongfu Shenying Basic Information, Manufacturing Base and Competitors

Table 106. Zhongfu Shenying Major Business

Table 107. Zhongfu Shenying Large-tow Carbon Fiber for Wind Turbine Blades Product and Services

Table 108. Zhongfu Shenying Large-tow Carbon Fiber for Wind Turbine Blades Production (Tons), Price (US\$/Ton), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 109. Zhongfu Shenying Recent Developments/Updates

Table 110. Zhongfu Shenying Competitive Strengths & Weaknesses

Table 111. Baowu Carbon Basic Information, Manufacturing Base and Competitors

Table 112. Baowu Carbon Major Business

Table 113. Baowu Carbon Large-tow Carbon Fiber for Wind Turbine Blades Product and Services

Table 114. Baowu Carbon Large-tow Carbon Fiber for Wind Turbine Blades Production (Tons), Price (US\$/Ton), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 115. Baowu Carbon Recent Developments/Updates

Table 116. Baowu Carbon Competitive Strengths & Weaknesses

Table 117. Jiangsu Hengshen Basic Information, Manufacturing Base and Competitors

Table 118. Jiangsu Hengshen Major Business

Table 119. Jiangsu Hengshen Large-tow Carbon Fiber for Wind Turbine Blades Product and Services

Table 120. Jiangsu Hengshen Large-tow Carbon Fiber for Wind Turbine Blades Production (Tons), Price (US\$/Ton), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 121. Jiangsu Hengshen Recent Developments/Updates

Table 122. Jiangsu Hengshen Competitive Strengths & Weaknesses

Table 123. Newtech Group Basic Information, Manufacturing Base and Competitors

Table 124. Newtech Group Major Business

Table 125. Newtech Group Large-tow Carbon Fiber for Wind Turbine Blades Product and Services

Table 126. Newtech Group Large-tow Carbon Fiber for Wind Turbine Blades Production (Tons), Price (US\$/Ton), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 127. Newtech Group Recent Developments/Updates

Table 128. Newtech Group Competitive Strengths & Weaknesses

Table 129. Global Key Players of Large-tow Carbon Fiber for Wind Turbine Blades Upstream (Raw Materials)

Table 130. Global Large-tow Carbon Fiber for Wind Turbine Blades Typical Customers

Table 131. Large-tow Carbon Fiber for Wind Turbine Blades Typical Distributors

List Of Figures

LIST OF FIGURES

Figure 1. Large-tow Carbon Fiber for Wind Turbine Blades Picture

Figure 2. World Large-tow Carbon Fiber for Wind Turbine Blades Production Value: 2021 & 2025 & 2032, (USD Million)

Figure 3. World Large-tow Carbon Fiber for Wind Turbine Blades Production Value and Forecast (2021-2032) & (USD Million)

Figure 4. World Large-tow Carbon Fiber for Wind Turbine Blades Production (2021-2032) & (Tons)

Figure 5. World Large-tow Carbon Fiber for Wind Turbine Blades Average Price (2021-2032) & (US\$/Ton)

Figure 6. World Large-tow Carbon Fiber for Wind Turbine Blades Production Value Market Share by Region (2021-2032)

Figure 7. World Large-tow Carbon Fiber for Wind Turbine Blades Production Market Share by Region (2021-2032)

Figure 8. North America Large-tow Carbon Fiber for Wind Turbine Blades Production (2021-2032) & (Tons)

Figure 9. Europe Large-tow Carbon Fiber for Wind Turbine Blades Production (2021-2032) & (Tons)

Figure 10. China Large-tow Carbon Fiber for Wind Turbine Blades Production (2021-2032) & (Tons)

Figure 11. Japan Large-tow Carbon Fiber for Wind Turbine Blades Production (2021-2032) & (Tons)

Figure 12. Large-tow Carbon Fiber for Wind Turbine Blades Market Drivers

Figure 13. Factors Affecting Demand

Figure 14. World Large-tow Carbon Fiber for Wind Turbine Blades Consumption (2021-2032) & (Tons)

Figure 15. World Large-tow Carbon Fiber for Wind Turbine Blades Consumption Market Share by Region (2021-2032)

Figure 16. United States Large-tow Carbon Fiber for Wind Turbine Blades Consumption (2021-2032) & (Tons)

Figure 17. China Large-tow Carbon Fiber for Wind Turbine Blades Consumption (2021-2032) & (Tons)

Figure 18. Europe Large-tow Carbon Fiber for Wind Turbine Blades Consumption (2021-2032) & (Tons)

Figure 19. Japan Large-tow Carbon Fiber for Wind Turbine Blades Consumption (2021-2032) & (Tons)

Figure 20. South Korea Large-tow Carbon Fiber for Wind Turbine Blades Consumption (2021-2032) & (Tons)

Figure 21. ASEAN Large-tow Carbon Fiber for Wind Turbine Blades Consumption (2021-2032) & (Tons)

Figure 22. India Large-tow Carbon Fiber for Wind Turbine Blades Consumption (2021-2032) & (Tons)

Figure 23. Producer Shipments of Large-tow Carbon Fiber for Wind Turbine Blades by Manufacturer Revenue (\$MM) and Market Share (%): 2025

Figure 24. Global Four-firm Concentration Ratios (CR4) for Large-tow Carbon Fiber for Wind Turbine Blades Markets in 2025

Figure 25. Global Four-firm Concentration Ratios (CR8) for Large-tow Carbon Fiber for Wind Turbine Blades Markets in 2025

Figure 26. United States VS China: Large-tow Carbon Fiber for Wind Turbine Blades Production Value Market Share Comparison (2021 & 2025 & 2032)

Figure 27. United States VS China: Large-tow Carbon Fiber for Wind Turbine Blades Production Market Share Comparison (2021 & 2025 & 2032)

Figure 28. United States VS China: Large-tow Carbon Fiber for Wind Turbine Blades Consumption Market Share Comparison (2021 & 2025 & 2032)

Figure 29. United States Based Manufacturers Large-tow Carbon Fiber for Wind Turbine Blades Production Market Share 2025

Figure 30. China Based Manufacturers Large-tow Carbon Fiber for Wind Turbine Blades Production Market Share 2025

Figure 31. Rest of World Based Manufacturers Large-tow Carbon Fiber for Wind Turbine Blades Production Market Share 2025

Figure 32. World Large-tow Carbon Fiber for Wind Turbine Blades Production Value by Type, (USD Million), 2021 & 2025 & 2032

Figure 33. World Large-tow Carbon Fiber for Wind Turbine Blades Production Value Market Share by Type in 2025

Figure 34. 48K

Figure 35. 50K

Figure 36. Other

Figure 37. World Large-tow Carbon Fiber for Wind Turbine Blades Production Market Share by Type (2021-2032)

Figure 38. World Large-tow Carbon Fiber for Wind Turbine Blades Production Value Market Share by Type (2021-2032)

Figure 39. World Large-tow Carbon Fiber for Wind Turbine Blades Average Price by Type (2021-2032) & (US\$/Ton)

Figure 40. World Large-tow Carbon Fiber for Wind Turbine Blades Production Value by Modulus, (USD Million), 2021 & 2025 & 2032

Figure 41. World Large-tow Carbon Fiber for Wind Turbine Blades Production Value Market Share by Modulus in 2025

Figure 42. Standard Modulus

Figure 43. Intermediate Modulus

Figure 44. High Modulus

Figure 45. World Large-tow Carbon Fiber for Wind Turbine Blades Production Market Share by Modulus (2021-2032)

Figure 46. World Large-tow Carbon Fiber for Wind Turbine Blades Production Value Market Share by Modulus (2021-2032)

Figure 47. World Large-tow Carbon Fiber for Wind Turbine Blades Average Price by Modulus (2021-2032) & (US\$/Ton)

Figure 48. World Large-tow Carbon Fiber for Wind Turbine Blades Production Value by Resin System, (USD Million), 2021 & 2025 & 2032

Figure 49. World Large-tow Carbon Fiber for Wind Turbine Blades Production Value Market Share by Resin System in 2025

Figure 50. Epoxy

Figure 51. Vinyl Ester

Figure 52. Polyurethane

Figure 53. World Large-tow Carbon Fiber for Wind Turbine Blades Production Market Share by Resin System (2021-2032)

Figure 54. World Large-tow Carbon Fiber for Wind Turbine Blades Production Value Market Share by Resin System (2021-2032)

Figure 55. World Large-tow Carbon Fiber for Wind Turbine Blades Average Price by Resin System (2021-2032) & (US\$/Ton)

Figure 56. World Large-tow Carbon Fiber for Wind Turbine Blades Production Value by Application, (USD Million), 2021 & 2025 & 2032

Figure 57. World Large-tow Carbon Fiber for Wind Turbine Blades Production Value Market Share by Application in 2025

Figure 58. Onshore Wind Turbine Blades

Figure 59. Offshore Wind Turbine Blades

Figure 60. World Large-tow Carbon Fiber for Wind Turbine Blades Production Market Share by Application (2021-2032)

Figure 61. World Large-tow Carbon Fiber for Wind Turbine Blades Production Value Market Share by Application (2021-2032)

Figure 62. World Large-tow Carbon Fiber for Wind Turbine Blades Average Price by Application (2021-2032) & (US\$/Ton)

Figure 63. Large-tow Carbon Fiber for Wind Turbine Blades Industry Chain

Figure 64. Large-tow Carbon Fiber for Wind Turbine Blades Procurement Model

Figure 65. Large-tow Carbon Fiber for Wind Turbine Blades Sales Model

Figure 66. Large-tow Carbon Fiber for Wind Turbine Blades Sales Channels, Direct Sales, and Distribution

Figure 67. Methodology

Figure 68. Research Process and Data Source

I would like to order

Product name: Global Large-tow Carbon Fiber for Wind Turbine Blades Supply, Demand and Key Producers, 2026-2032

Product link: <https://marketpublishers.com/r/G685CA894CB5EN.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/G685CA894CB5EN.html>