

# Global Carbon Fiber in Sports Equipment Market 2024 by Manufacturers, Regions, Type and Application, Forecast to 2030

<https://marketpublishers.com/r/G4F0194A47AEN.html>

Date: July 2024

Pages: 109

Price: US\$ 3,480.00 (Single User License)

ID: G4F0194A47AEN

## Abstracts

According to our (Global Info Research) latest study, the global Carbon Fiber in Sports Equipment market size was valued at USD 868.1 million in 2023 and is forecast to a readjusted size of USD 1079.2 million by 2030 with a CAGR of 3.2% during review period.

The high-strength, high modulus (stiffness) and light-weight properties of carbon fiber have taken sporting goods to the next level of performance. Golf shafts, racquets, skis, snowboards, hockey sticks, fishing rods, bats, and bicycles have all been advanced through carbon fiber reinforcements and the opportunities to further improve sporting good applications are boundless. The reason for using carbon fiber for sporting good applications is not only its light-weight and durable properties, but also the freedom it provides when designing highly-specific applications. The precise feeling and shape of a piece of equipment, which is critical to its performance, are easily achieved when working with carbon fiber materials.

Carbon fibers are highly preferred for the manufacture of sports equipment like rackets and sports sticks, majorly due to their exceptional properties such as light weight, improved resistance, high strength to weight ratio, and stiffness. With the increasing demand for advanced sports equipment, the requirement for carbon fibers to produce such advanced equipment is increasing substantially. Carbon fibers possess properties like fiber yield, consistent sizing content, and processing characteristics like low fuzz or even tow spreadability, which make them suitable for applications in the sports industry. Also, by using carbon fibers, the sports equipment manufacturers can control the tensile strength and the tensile modulus of the high-performance equipment.

North America accounted for over 35.0% of the revenue share in 2015 owing to high technological advancement leading to increasing use of composites for various sports equipment such as polo sticks and lacrosse sticks. Growing demand for artificial turf for American football, basketball courts, and golf is expected to drive growth over the forecast period.

Europe demand for sports composites was valued at over USD 900 million in 2015. The region is driven by the presence of a large number of sports composites manufacturers, thus increasing the widespread availability of the product at a competitive price. In addition, increasing adoption of hockey and tennis in European countries such as Germany and France is expected to drive growth over the forecast period.

The Global Info Research report includes an overview of the development of the Carbon Fiber in Sports Equipment industry chain, the market status of Sports Sticks (PAN-Based, Pitch-Based), Rackets (PAN-Based, Pitch-Based), and key enterprises in developed and developing market, and analysed the cutting-edge technology, patent, hot applications and market trends of Carbon Fiber in Sports Equipment.

Regionally, the report analyzes the Carbon Fiber in Sports Equipment markets in key regions. North America and Europe are experiencing steady growth, driven by government initiatives and increasing consumer awareness. Asia-Pacific, particularly China, leads the global Carbon Fiber in Sports Equipment market, with robust domestic demand, supportive policies, and a strong manufacturing base.

#### Key Features:

The report presents comprehensive understanding of the Carbon Fiber in Sports Equipment market. It provides a holistic view of the industry, as well as detailed insights into individual components and stakeholders. The report analysis market dynamics, trends, challenges, and opportunities within the Carbon Fiber in Sports Equipment industry.

The report involves analyzing the market at a macro level:

**Market Sizing and Segmentation:** Report collect data on the overall market size, including the sales quantity (K MT), revenue generated, and market share of different by Type (e.g., PAN-Based, Pitch-Based).

**Industry Analysis:** Report analyse the broader industry trends, such as government

policies and regulations, technological advancements, consumer preferences, and market dynamics. This analysis helps in understanding the key drivers and challenges influencing the Carbon Fiber in Sports Equipment market.

**Regional Analysis:** The report involves examining the Carbon Fiber in Sports Equipment market at a regional or national level. Report analyses regional factors such as government incentives, infrastructure development, economic conditions, and consumer behaviour to identify variations and opportunities within different markets.

**Market Projections:** Report covers the gathered data and analysis to make future projections and forecasts for the Carbon Fiber in Sports Equipment market. This may include estimating market growth rates, predicting market demand, and identifying emerging trends.

The report also involves a more granular approach to Carbon Fiber in Sports Equipment:

**Company Analysis:** Report covers individual Carbon Fiber in Sports Equipment manufacturers, suppliers, and other relevant industry players. This analysis includes studying their financial performance, market positioning, product portfolios, partnerships, and strategies.

**Consumer Analysis:** Report covers data on consumer behaviour, preferences, and attitudes towards Carbon Fiber in Sports Equipment. This may involve surveys, interviews, and analysis of consumer reviews and feedback from different by Application (Sports Sticks, Rackets).

**Technology Analysis:** Report covers specific technologies relevant to Carbon Fiber in Sports Equipment. It assesses the current state, advancements, and potential future developments in Carbon Fiber in Sports Equipment areas.

**Competitive Landscape:** By analyzing individual companies, suppliers, and consumers, the report present insights into the competitive landscape of the Carbon Fiber in Sports Equipment market. This analysis helps understand market share, competitive advantages, and potential areas for differentiation among industry players.

**Market Validation:** The report involves validating findings and projections through primary research, such as surveys, interviews, and focus groups.

## Market Segmentation

Carbon Fiber in Sports Equipment market is split by Type and by Application. For the period 2019-2030, the growth among segments provides accurate calculations and forecasts for consumption value by Type, and by Application in terms of volume and value.

### Market segment by Type

PAN-Based

Pitch-Based

Others

### Market segment by Application

Sports Sticks

Rackets

Skis and Snowboards

Others

### Major players covered

Hexcel

SGL Group

TEIJIN

Toray Industries

Cytec Solvay Group

DowAksa

Reliance Industries

Nippon Graphite Fiber

Taekwang Industrial

Weihei TuoZhan Fiber

ZOLTEK Carbon Fiber

Zhongfu Shenying Carbon Fiber

Market segment by region, regional analysis covers

North America (United States, Canada and Mexico)

Europe (Germany, France, United Kingdom, Russia, Italy, and Rest of Europe)

Asia-Pacific (China, Japan, Korea, India, Southeast Asia, and Australia)

South America (Brazil, Argentina, Colombia, and Rest of South America)

Middle East & Africa (Saudi Arabia, UAE, Egypt, South Africa, and Rest of Middle East & Africa)

The content of the study subjects, includes a total of 15 chapters:

Chapter 1, to describe Carbon Fiber in Sports Equipment product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of Carbon Fiber in Sports Equipment, with price, sales, revenue and global market share of Carbon Fiber in Sports Equipment from 2019 to 2024.

Chapter 3, the Carbon Fiber in Sports Equipment competitive situation, sales quantity,

revenue and global market share of top manufacturers are analyzed emphatically by landscape contrast.

Chapter 4, the Carbon Fiber in Sports Equipment breakdown data are shown at the regional level, to show the sales quantity, consumption value and growth by regions, from 2019 to 2030.

Chapter 5 and 6, to segment the sales by Type and application, with sales market share and growth rate by type, application, from 2019 to 2030.

Chapter 7, 8, 9, 10 and 11, to break the sales data at the country level, with sales quantity, consumption value and market share for key countries in the world, from 2017 to 2023. and Carbon Fiber in Sports Equipment market forecast, by regions, type and application, with sales and revenue, from 2025 to 2030.

Chapter 12, market dynamics, drivers, restraints, trends and Porters Five Forces analysis.

Chapter 13, the key raw materials and key suppliers, and industry chain of Carbon Fiber in Sports Equipment.

Chapter 14 and 15, to describe Carbon Fiber in Sports Equipment sales channel, distributors, customers, research findings and conclusion.

## Contents

### 1 MARKET OVERVIEW

- 1.1 Product Overview and Scope of Carbon Fiber in Sports Equipment
- 1.2 Market Estimation Caveats and Base Year
- 1.3 Market Analysis by Type
  - 1.3.1 Overview: Global Carbon Fiber in Sports Equipment Consumption Value by Type: 2019 Versus 2023 Versus 2030
  - 1.3.2 PAN-Based
  - 1.3.3 Pitch-Based
  - 1.3.4 Others
- 1.4 Market Analysis by Application
  - 1.4.1 Overview: Global Carbon Fiber in Sports Equipment Consumption Value by Application: 2019 Versus 2023 Versus 2030
  - 1.4.2 Sports Sticks
  - 1.4.3 Rackets
  - 1.4.4 Skis and Snowboards
  - 1.4.5 Others
- 1.5 Global Carbon Fiber in Sports Equipment Market Size & Forecast
  - 1.5.1 Global Carbon Fiber in Sports Equipment Consumption Value (2019 & 2023 & 2030)
  - 1.5.2 Global Carbon Fiber in Sports Equipment Sales Quantity (2019-2030)
  - 1.5.3 Global Carbon Fiber in Sports Equipment Average Price (2019-2030)

### 2 MANUFACTURERS PROFILES

- 2.1 Hexcel
  - 2.1.1 Hexcel Details
  - 2.1.2 Hexcel Major Business
  - 2.1.3 Hexcel Carbon Fiber in Sports Equipment Product and Services
  - 2.1.4 Hexcel Carbon Fiber in Sports Equipment Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)
  - 2.1.5 Hexcel Recent Developments/Updates
- 2.2 SGL Group
  - 2.2.1 SGL Group Details
  - 2.2.2 SGL Group Major Business
  - 2.2.3 SGL Group Carbon Fiber in Sports Equipment Product and Services
  - 2.2.4 SGL Group Carbon Fiber in Sports Equipment Sales Quantity, Average Price,

## Revenue, Gross Margin and Market Share (2019-2024)

### 2.2.5 SGL Group Recent Developments/Updates

## 2.3 TEIJIN

### 2.3.1 TEIJIN Details

### 2.3.2 TEIJIN Major Business

### 2.3.3 TEIJIN Carbon Fiber in Sports Equipment Product and Services

### 2.3.4 TEIJIN Carbon Fiber in Sports Equipment Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)

### 2.3.5 TEIJIN Recent Developments/Updates

## 2.4 Toray Industries

### 2.4.1 Toray Industries Details

### 2.4.2 Toray Industries Major Business

### 2.4.3 Toray Industries Carbon Fiber in Sports Equipment Product and Services

### 2.4.4 Toray Industries Carbon Fiber in Sports Equipment Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)

### 2.4.5 Toray Industries Recent Developments/Updates

## 2.5 Cytec Solvay Group

### 2.5.1 Cytec Solvay Group Details

### 2.5.2 Cytec Solvay Group Major Business

### 2.5.3 Cytec Solvay Group Carbon Fiber in Sports Equipment Product and Services

### 2.5.4 Cytec Solvay Group Carbon Fiber in Sports Equipment Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)

### 2.5.5 Cytec Solvay Group Recent Developments/Updates

## 2.6 DowAksa

### 2.6.1 DowAksa Details

### 2.6.2 DowAksa Major Business

### 2.6.3 DowAksa Carbon Fiber in Sports Equipment Product and Services

### 2.6.4 DowAksa Carbon Fiber in Sports Equipment Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)

### 2.6.5 DowAksa Recent Developments/Updates

## 2.7 Reliance Industries

### 2.7.1 Reliance Industries Details

### 2.7.2 Reliance Industries Major Business

### 2.7.3 Reliance Industries Carbon Fiber in Sports Equipment Product and Services

### 2.7.4 Reliance Industries Carbon Fiber in Sports Equipment Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)

### 2.7.5 Reliance Industries Recent Developments/Updates

## 2.8 Nippon Graphite Fiber

### 2.8.1 Nippon Graphite Fiber Details



- 2.8.2 Nippon Graphite Fiber Major Business
- 2.8.3 Nippon Graphite Fiber Carbon Fiber in Sports Equipment Product and Services
- 2.8.4 Nippon Graphite Fiber Carbon Fiber in Sports Equipment Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)
- 2.8.5 Nippon Graphite Fiber Recent Developments/Updates
- 2.9 Taekwang Industrial
  - 2.9.1 Taekwang Industrial Details
  - 2.9.2 Taekwang Industrial Major Business
  - 2.9.3 Taekwang Industrial Carbon Fiber in Sports Equipment Product and Services
  - 2.9.4 Taekwang Industrial Carbon Fiber in Sports Equipment Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)
  - 2.9.5 Taekwang Industrial Recent Developments/Updates
- 2.10 Weihei Tuozechan Fiber
  - 2.10.1 Weihei Tuozechan Fiber Details
  - 2.10.2 Weihei Tuozechan Fiber Major Business
  - 2.10.3 Weihei Tuozechan Fiber Carbon Fiber in Sports Equipment Product and Services
  - 2.10.4 Weihei Tuozechan Fiber Carbon Fiber in Sports Equipment Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)
  - 2.10.5 Weihei Tuozechan Fiber Recent Developments/Updates
- 2.11 ZOLTEK Carbon Fiber
  - 2.11.1 ZOLTEK Carbon Fiber Details
  - 2.11.2 ZOLTEK Carbon Fiber Major Business
  - 2.11.3 ZOLTEK Carbon Fiber Carbon Fiber in Sports Equipment Product and Services
  - 2.11.4 ZOLTEK Carbon Fiber Carbon Fiber in Sports Equipment Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)
  - 2.11.5 ZOLTEK Carbon Fiber Recent Developments/Updates
- 2.12 Zhongfu Shenyang Carbon Fiber
  - 2.12.1 Zhongfu Shenyang Carbon Fiber Details
  - 2.12.2 Zhongfu Shenyang Carbon Fiber Major Business
  - 2.12.3 Zhongfu Shenyang Carbon Fiber Carbon Fiber in Sports Equipment Product and Services
  - 2.12.4 Zhongfu Shenyang Carbon Fiber Carbon Fiber in Sports Equipment Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)
  - 2.12.5 Zhongfu Shenyang Carbon Fiber Recent Developments/Updates

### **3 COMPETITIVE ENVIRONMENT: CARBON FIBER IN SPORTS EQUIPMENT BY MANUFACTURER**

#### **3.1 Global Carbon Fiber in Sports Equipment Sales Quantity by Manufacturer**

*Global Carbon Fiber in Sports Equipment Market 2024 by Manufacturers, Regions, Type and Application, Forecast...*

(2019-2024)

3.2 Global Carbon Fiber in Sports Equipment Revenue by Manufacturer (2019-2024)

3.3 Global Carbon Fiber in Sports Equipment Average Price by Manufacturer  
(2019-2024)

3.4 Market Share Analysis (2023)

3.4.1 Producer Shipments of Carbon Fiber in Sports Equipment by Manufacturer  
Revenue (\$MM) and Market Share (%): 2023

3.4.2 Top 3 Carbon Fiber in Sports Equipment Manufacturer Market Share in 2023

3.4.2 Top 6 Carbon Fiber in Sports Equipment Manufacturer Market Share in 2023

3.5 Carbon Fiber in Sports Equipment Market: Overall Company Footprint Analysis

3.5.1 Carbon Fiber in Sports Equipment Market: Region Footprint

3.5.2 Carbon Fiber in Sports Equipment Market: Company Product Type Footprint

3.5.3 Carbon Fiber in Sports Equipment Market: Company Product Application  
Footprint

3.6 New Market Entrants and Barriers to Market Entry

3.7 Mergers, Acquisition, Agreements, and Collaborations

## **4 CONSUMPTION ANALYSIS BY REGION**

4.1 Global Carbon Fiber in Sports Equipment Market Size by Region

4.1.1 Global Carbon Fiber in Sports Equipment Sales Quantity by Region (2019-2030)

4.1.2 Global Carbon Fiber in Sports Equipment Consumption Value by Region  
(2019-2030)

4.1.3 Global Carbon Fiber in Sports Equipment Average Price by Region (2019-2030)

4.2 North America Carbon Fiber in Sports Equipment Consumption Value (2019-2030)

4.3 Europe Carbon Fiber in Sports Equipment Consumption Value (2019-2030)

4.4 Asia-Pacific Carbon Fiber in Sports Equipment Consumption Value (2019-2030)

4.5 South America Carbon Fiber in Sports Equipment Consumption Value (2019-2030)

4.6 Middle East and Africa Carbon Fiber in Sports Equipment Consumption Value  
(2019-2030)

## **5 MARKET SEGMENT BY TYPE**

5.1 Global Carbon Fiber in Sports Equipment Sales Quantity by Type (2019-2030)

5.2 Global Carbon Fiber in Sports Equipment Consumption Value by Type (2019-2030)

5.3 Global Carbon Fiber in Sports Equipment Average Price by Type (2019-2030)

## **6 MARKET SEGMENT BY APPLICATION**

- 6.1 Global Carbon Fiber in Sports Equipment Sales Quantity by Application (2019-2030)
- 6.2 Global Carbon Fiber in Sports Equipment Consumption Value by Application (2019-2030)
- 6.3 Global Carbon Fiber in Sports Equipment Average Price by Application (2019-2030)

## **7 NORTH AMERICA**

- 7.1 North America Carbon Fiber in Sports Equipment Sales Quantity by Type (2019-2030)
- 7.2 North America Carbon Fiber in Sports Equipment Sales Quantity by Application (2019-2030)
- 7.3 North America Carbon Fiber in Sports Equipment Market Size by Country
  - 7.3.1 North America Carbon Fiber in Sports Equipment Sales Quantity by Country (2019-2030)
  - 7.3.2 North America Carbon Fiber in Sports Equipment Consumption Value by Country (2019-2030)
  - 7.3.3 United States Market Size and Forecast (2019-2030)
  - 7.3.4 Canada Market Size and Forecast (2019-2030)
  - 7.3.5 Mexico Market Size and Forecast (2019-2030)

## **8 EUROPE**

- 8.1 Europe Carbon Fiber in Sports Equipment Sales Quantity by Type (2019-2030)
- 8.2 Europe Carbon Fiber in Sports Equipment Sales Quantity by Application (2019-2030)
- 8.3 Europe Carbon Fiber in Sports Equipment Market Size by Country
  - 8.3.1 Europe Carbon Fiber in Sports Equipment Sales Quantity by Country (2019-2030)
  - 8.3.2 Europe Carbon Fiber in Sports Equipment Consumption Value by Country (2019-2030)
  - 8.3.3 Germany Market Size and Forecast (2019-2030)
  - 8.3.4 France Market Size and Forecast (2019-2030)
  - 8.3.5 United Kingdom Market Size and Forecast (2019-2030)
  - 8.3.6 Russia Market Size and Forecast (2019-2030)
  - 8.3.7 Italy Market Size and Forecast (2019-2030)

## **9 ASIA-PACIFIC**

- 9.1 Asia-Pacific Carbon Fiber in Sports Equipment Sales Quantity by Type (2019-2030)

9.2 Asia-Pacific Carbon Fiber in Sports Equipment Sales Quantity by Application (2019-2030)

9.3 Asia-Pacific Carbon Fiber in Sports Equipment Market Size by Region

9.3.1 Asia-Pacific Carbon Fiber in Sports Equipment Sales Quantity by Region (2019-2030)

9.3.2 Asia-Pacific Carbon Fiber in Sports Equipment Consumption Value by Region (2019-2030)

9.3.3 China Market Size and Forecast (2019-2030)

9.3.4 Japan Market Size and Forecast (2019-2030)

9.3.5 Korea Market Size and Forecast (2019-2030)

9.3.6 India Market Size and Forecast (2019-2030)

9.3.7 Southeast Asia Market Size and Forecast (2019-2030)

9.3.8 Australia Market Size and Forecast (2019-2030)

## **10 SOUTH AMERICA**

10.1 South America Carbon Fiber in Sports Equipment Sales Quantity by Type (2019-2030)

10.2 South America Carbon Fiber in Sports Equipment Sales Quantity by Application (2019-2030)

10.3 South America Carbon Fiber in Sports Equipment Market Size by Country

10.3.1 South America Carbon Fiber in Sports Equipment Sales Quantity by Country (2019-2030)

10.3.2 South America Carbon Fiber in Sports Equipment Consumption Value by Country (2019-2030)

10.3.3 Brazil Market Size and Forecast (2019-2030)

10.3.4 Argentina Market Size and Forecast (2019-2030)

## **11 MIDDLE EAST & AFRICA**

11.1 Middle East & Africa Carbon Fiber in Sports Equipment Sales Quantity by Type (2019-2030)

11.2 Middle East & Africa Carbon Fiber in Sports Equipment Sales Quantity by Application (2019-2030)

11.3 Middle East & Africa Carbon Fiber in Sports Equipment Market Size by Country

11.3.1 Middle East & Africa Carbon Fiber in Sports Equipment Sales Quantity by Country (2019-2030)

11.3.2 Middle East & Africa Carbon Fiber in Sports Equipment Consumption Value by Country (2019-2030)

- 11.3.3 Turkey Market Size and Forecast (2019-2030)
- 11.3.4 Egypt Market Size and Forecast (2019-2030)
- 11.3.5 Saudi Arabia Market Size and Forecast (2019-2030)
- 11.3.6 South Africa Market Size and Forecast (2019-2030)

## **12 MARKET DYNAMICS**

- 12.1 Carbon Fiber in Sports Equipment Market Drivers
- 12.2 Carbon Fiber in Sports Equipment Market Restraints
- 12.3 Carbon Fiber in Sports Equipment Trends Analysis
- 12.4 Porters Five Forces Analysis
  - 12.4.1 Threat of New Entrants
  - 12.4.2 Bargaining Power of Suppliers
  - 12.4.3 Bargaining Power of Buyers
  - 12.4.4 Threat of Substitutes
  - 12.4.5 Competitive Rivalry

## **13 RAW MATERIAL AND INDUSTRY CHAIN**

- 13.1 Raw Material of Carbon Fiber in Sports Equipment and Key Manufacturers
- 13.2 Manufacturing Costs Percentage of Carbon Fiber in Sports Equipment
- 13.3 Carbon Fiber in Sports Equipment Production Process
- 13.4 Carbon Fiber in Sports Equipment Industrial Chain

## **14 SHIPMENTS BY DISTRIBUTION CHANNEL**

- 14.1 Sales Channel
  - 14.1.1 Direct to End-User
  - 14.1.2 Distributors
- 14.2 Carbon Fiber in Sports Equipment Typical Distributors
- 14.3 Carbon Fiber in Sports Equipment Typical Customers

## **15 RESEARCH FINDINGS AND CONCLUSION**

## **16 APPENDIX**

- 16.1 Methodology
- 16.2 Research Process and Data Source
- 16.3 Disclaimer



## List Of Tables

### LIST OF TABLES

Table 1. Global Carbon Fiber in Sports Equipment Consumption Value by Type, (USD Million), 2019 & 2023 & 2030

Table 2. Global Carbon Fiber in Sports Equipment Consumption Value by Application, (USD Million), 2019 & 2023 & 2030

Table 3. Hexcel Basic Information, Manufacturing Base and Competitors

Table 4. Hexcel Major Business

Table 5. Hexcel Carbon Fiber in Sports Equipment Product and Services

Table 6. Hexcel Carbon Fiber in Sports Equipment Sales Quantity (K MT), Average Price (USD/MT), Revenue (USD Million), Gross Margin and Market Share (2019-2024)

Table 7. Hexcel Recent Developments/Updates

Table 8. SGL Group Basic Information, Manufacturing Base and Competitors

Table 9. SGL Group Major Business

Table 10. SGL Group Carbon Fiber in Sports Equipment Product and Services

Table 11. SGL Group Carbon Fiber in Sports Equipment Sales Quantity (K MT), Average Price (USD/MT), Revenue (USD Million), Gross Margin and Market Share (2019-2024)

Table 12. SGL Group Recent Developments/Updates

Table 13. TEIJIN Basic Information, Manufacturing Base and Competitors

Table 14. TEIJIN Major Business

Table 15. TEIJIN Carbon Fiber in Sports Equipment Product and Services

Table 16. TEIJIN Carbon Fiber in Sports Equipment Sales Quantity (K MT), Average Price (USD/MT), Revenue (USD Million), Gross Margin and Market Share (2019-2024)

Table 17. TEIJIN Recent Developments/Updates

Table 18. Toray Industries Basic Information, Manufacturing Base and Competitors

Table 19. Toray Industries Major Business

Table 20. Toray Industries Carbon Fiber in Sports Equipment Product and Services

Table 21. Toray Industries Carbon Fiber in Sports Equipment Sales Quantity (K MT), Average Price (USD/MT), Revenue (USD Million), Gross Margin and Market Share (2019-2024)

Table 22. Toray Industries Recent Developments/Updates

Table 23. Cytec Solvay Group Basic Information, Manufacturing Base and Competitors

Table 24. Cytec Solvay Group Major Business

Table 25. Cytec Solvay Group Carbon Fiber in Sports Equipment Product and Services

Table 26. Cytec Solvay Group Carbon Fiber in Sports Equipment Sales Quantity (K MT), Average Price (USD/MT), Revenue (USD Million), Gross Margin and Market Share

(2019-2024)

Table 27. Cytec Solvay Group Recent Developments/Updates

Table 28. DowAksa Basic Information, Manufacturing Base and Competitors

Table 29. DowAksa Major Business

Table 30. DowAksa Carbon Fiber in Sports Equipment Product and Services

Table 31. DowAksa Carbon Fiber in Sports Equipment Sales Quantity (K MT), Average Price (USD/MT), Revenue (USD Million), Gross Margin and Market Share (2019-2024)

Table 32. DowAksa Recent Developments/Updates

Table 33. Reliance Industries Basic Information, Manufacturing Base and Competitors

Table 34. Reliance Industries Major Business

Table 35. Reliance Industries Carbon Fiber in Sports Equipment Product and Services

Table 36. Reliance Industries Carbon Fiber in Sports Equipment Sales Quantity (K MT), Average Price (USD/MT), Revenue (USD Million), Gross Margin and Market Share (2019-2024)

Table 37. Reliance Industries Recent Developments/Updates

Table 38. Nippon Graphite Fiber Basic Information, Manufacturing Base and Competitors

Table 39. Nippon Graphite Fiber Major Business

Table 40. Nippon Graphite Fiber Carbon Fiber in Sports Equipment Product and Services

Table 41. Nippon Graphite Fiber Carbon Fiber in Sports Equipment Sales Quantity (K MT), Average Price (USD/MT), Revenue (USD Million), Gross Margin and Market Share (2019-2024)

Table 42. Nippon Graphite Fiber Recent Developments/Updates

Table 43. Taekwang Industrial Basic Information, Manufacturing Base and Competitors

Table 44. Taekwang Industrial Major Business

Table 45. Taekwang Industrial Carbon Fiber in Sports Equipment Product and Services

Table 46. Taekwang Industrial Carbon Fiber in Sports Equipment Sales Quantity (K MT), Average Price (USD/MT), Revenue (USD Million), Gross Margin and Market Share (2019-2024)

Table 47. Taekwang Industrial Recent Developments/Updates

Table 48. Weihei Tuoazhan Fiber Basic Information, Manufacturing Base and Competitors

Table 49. Weihei Tuoazhan Fiber Major Business

Table 50. Weihei Tuoazhan Fiber Carbon Fiber in Sports Equipment Product and Services

Table 51. Weihei Tuoazhan Fiber Carbon Fiber in Sports Equipment Sales Quantity (K MT), Average Price (USD/MT), Revenue (USD Million), Gross Margin and Market Share (2019-2024)



- Table 52. Weihei Tuozhan Fiber Recent Developments/Updates
- Table 53. ZOLTEK Carbon Fiber Basic Information, Manufacturing Base and Competitors
- Table 54. ZOLTEK Carbon Fiber Major Business
- Table 55. ZOLTEK Carbon Fiber Carbon Fiber in Sports Equipment Product and Services
- Table 56. ZOLTEK Carbon Fiber Carbon Fiber in Sports Equipment Sales Quantity (K MT), Average Price (USD/MT), Revenue (USD Million), Gross Margin and Market Share (2019-2024)
- Table 57. ZOLTEK Carbon Fiber Recent Developments/Updates
- Table 58. Zhongfu Shenying Carbon Fiber Basic Information, Manufacturing Base and Competitors
- Table 59. Zhongfu Shenying Carbon Fiber Major Business
- Table 60. Zhongfu Shenying Carbon Fiber Carbon Fiber in Sports Equipment Product and Services
- Table 61. Zhongfu Shenying Carbon Fiber Carbon Fiber in Sports Equipment Sales Quantity (K MT), Average Price (USD/MT), Revenue (USD Million), Gross Margin and Market Share (2019-2024)
- Table 62. Zhongfu Shenying Carbon Fiber Recent Developments/Updates
- Table 63. Global Carbon Fiber in Sports Equipment Sales Quantity by Manufacturer (2019-2024) & (K MT)
- Table 64. Global Carbon Fiber in Sports Equipment Revenue by Manufacturer (2019-2024) & (USD Million)
- Table 65. Global Carbon Fiber in Sports Equipment Average Price by Manufacturer (2019-2024) & (USD/MT)
- Table 66. Market Position of Manufacturers in Carbon Fiber in Sports Equipment, (Tier 1, Tier 2, and Tier 3), Based on Consumption Value in 2023
- Table 67. Head Office and Carbon Fiber in Sports Equipment Production Site of Key Manufacturer
- Table 68. Carbon Fiber in Sports Equipment Market: Company Product Type Footprint
- Table 69. Carbon Fiber in Sports Equipment Market: Company Product Application Footprint
- Table 70. Carbon Fiber in Sports Equipment New Market Entrants and Barriers to Market Entry
- Table 71. Carbon Fiber in Sports Equipment Mergers, Acquisition, Agreements, and Collaborations
- Table 72. Global Carbon Fiber in Sports Equipment Sales Quantity by Region (2019-2024) & (K MT)
- Table 73. Global Carbon Fiber in Sports Equipment Sales Quantity by Region

(2025-2030) & (K MT)

Table 74. Global Carbon Fiber in Sports Equipment Consumption Value by Region (2019-2024) & (USD Million)

Table 75. Global Carbon Fiber in Sports Equipment Consumption Value by Region (2025-2030) & (USD Million)

Table 76. Global Carbon Fiber in Sports Equipment Average Price by Region (2019-2024) & (USD/MT)

Table 77. Global Carbon Fiber in Sports Equipment Average Price by Region (2025-2030) & (USD/MT)

Table 78. Global Carbon Fiber in Sports Equipment Sales Quantity by Type (2019-2024) & (K MT)

Table 79. Global Carbon Fiber in Sports Equipment Sales Quantity by Type (2025-2030) & (K MT)

Table 80. Global Carbon Fiber in Sports Equipment Consumption Value by Type (2019-2024) & (USD Million)

Table 81. Global Carbon Fiber in Sports Equipment Consumption Value by Type (2025-2030) & (USD Million)

Table 82. Global Carbon Fiber in Sports Equipment Average Price by Type (2019-2024) & (USD/MT)

Table 83. Global Carbon Fiber in Sports Equipment Average Price by Type (2025-2030) & (USD/MT)

Table 84. Global Carbon Fiber in Sports Equipment Sales Quantity by Application (2019-2024) & (K MT)

Table 85. Global Carbon Fiber in Sports Equipment Sales Quantity by Application (2025-2030) & (K MT)

Table 86. Global Carbon Fiber in Sports Equipment Consumption Value by Application (2019-2024) & (USD Million)

Table 87. Global Carbon Fiber in Sports Equipment Consumption Value by Application (2025-2030) & (USD Million)

Table 88. Global Carbon Fiber in Sports Equipment Average Price by Application (2019-2024) & (USD/MT)

Table 89. Global Carbon Fiber in Sports Equipment Average Price by Application (2025-2030) & (USD/MT)

Table 90. North America Carbon Fiber in Sports Equipment Sales Quantity by Type (2019-2024) & (K MT)

Table 91. North America Carbon Fiber in Sports Equipment Sales Quantity by Type (2025-2030) & (K MT)

Table 92. North America Carbon Fiber in Sports Equipment Sales Quantity by Application (2019-2024) & (K MT)

Table 93. North America Carbon Fiber in Sports Equipment Sales Quantity by Application (2025-2030) & (K MT)

Table 94. North America Carbon Fiber in Sports Equipment Sales Quantity by Country (2019-2024) & (K MT)

Table 95. North America Carbon Fiber in Sports Equipment Sales Quantity by Country (2025-2030) & (K MT)

Table 96. North America Carbon Fiber in Sports Equipment Consumption Value by Country (2019-2024) & (USD Million)

Table 97. North America Carbon Fiber in Sports Equipment Consumption Value by Country (2025-2030) & (USD Million)

Table 98. Europe Carbon Fiber in Sports Equipment Sales Quantity by Type (2019-2024) & (K MT)

Table 99. Europe Carbon Fiber in Sports Equipment Sales Quantity by Type (2025-2030) & (K MT)

Table 100. Europe Carbon Fiber in Sports Equipment Sales Quantity by Application (2019-2024) & (K MT)

Table 101. Europe Carbon Fiber in Sports Equipment Sales Quantity by Application (2025-2030) & (K MT)

Table 102. Europe Carbon Fiber in Sports Equipment Sales Quantity by Country (2019-2024) & (K MT)

Table 103. Europe Carbon Fiber in Sports Equipment Sales Quantity by Country (2025-2030) & (K MT)

Table 104. Europe Carbon Fiber in Sports Equipment Consumption Value by Country (2019-2024) & (USD Million)

Table 105. Europe Carbon Fiber in Sports Equipment Consumption Value by Country (2025-2030) & (USD Million)

Table 106. Asia-Pacific Carbon Fiber in Sports Equipment Sales Quantity by Type (2019-2024) & (K MT)

Table 107. Asia-Pacific Carbon Fiber in Sports Equipment Sales Quantity by Type (2025-2030) & (K MT)

Table 108. Asia-Pacific Carbon Fiber in Sports Equipment Sales Quantity by Application (2019-2024) & (K MT)

Table 109. Asia-Pacific Carbon Fiber in Sports Equipment Sales Quantity by Application (2025-2030) & (K MT)

Table 110. Asia-Pacific Carbon Fiber in Sports Equipment Sales Quantity by Region (2019-2024) & (K MT)

Table 111. Asia-Pacific Carbon Fiber in Sports Equipment Sales Quantity by Region (2025-2030) & (K MT)

Table 112. Asia-Pacific Carbon Fiber in Sports Equipment Consumption Value by

Region (2019-2024) & (USD Million)

Table 113. Asia-Pacific Carbon Fiber in Sports Equipment Consumption Value by Region (2025-2030) & (USD Million)

Table 114. South America Carbon Fiber in Sports Equipment Sales Quantity by Type (2019-2024) & (K MT)

Table 115. South America Carbon Fiber in Sports Equipment Sales Quantity by Type (2025-2030) & (K MT)

Table 116. South America Carbon Fiber in Sports Equipment Sales Quantity by Application (2019-2024) & (K MT)

Table 117. South America Carbon Fiber in Sports Equipment Sales Quantity by Application (2025-2030) & (K MT)

Table 118. South America Carbon Fiber in Sports Equipment Sales Quantity by Country (2019-2024) & (K MT)

Table 119. South America Carbon Fiber in Sports Equipment Sales Quantity by Country (2025-2030) & (K MT)

Table 120. South America Carbon Fiber in Sports Equipment Consumption Value by Country (2019-2024) & (USD Million)

Table 121. South America Carbon Fiber in Sports Equipment Consumption Value by Country (2025-2030) & (USD Million)

Table 122. Middle East & Africa Carbon Fiber in Sports Equipment Sales Quantity by Type (2019-2024) & (K MT)

Table 123. Middle East & Africa Carbon Fiber in Sports Equipment Sales Quantity by Type (2025-2030) & (K MT)

Table 124. Middle East & Africa Carbon Fiber in Sports Equipment Sales Quantity by Application (2019-2024) & (K MT)

Table 125. Middle East & Africa Carbon Fiber in Sports Equipment Sales Quantity by Application (2025-2030) & (K MT)

Table 126. Middle East & Africa Carbon Fiber in Sports Equipment Sales Quantity by Region (2019-2024) & (K MT)

Table 127. Middle East & Africa Carbon Fiber in Sports Equipment Sales Quantity by Region (2025-2030) & (K MT)

Table 128. Middle East & Africa Carbon Fiber in Sports Equipment Consumption Value by Region (2019-2024) & (USD Million)

Table 129. Middle East & Africa Carbon Fiber in Sports Equipment Consumption Value by Region (2025-2030) & (USD Million)

Table 130. Carbon Fiber in Sports Equipment Raw Material

Table 131. Key Manufacturers of Carbon Fiber in Sports Equipment Raw Materials

Table 132. Carbon Fiber in Sports Equipment Typical Distributors

Table 133. Carbon Fiber in Sports Equipment Typical Customers



## List Of Figures

### LIST OF FIGURES

Figure 1. Carbon Fiber in Sports Equipment Picture

Figure 2. Global Carbon Fiber in Sports Equipment Consumption Value by Type, (USD Million), 2019 & 2023 & 2030

Figure 3. Global Carbon Fiber in Sports Equipment Consumption Value Market Share by Type in 2023

Figure 4. PAN-Based Examples

Figure 5. Pitch-Based Examples

Figure 6. Others Examples

Figure 7. Global Carbon Fiber in Sports Equipment Consumption Value by Application, (USD Million), 2019 & 2023 & 2030

Figure 8. Global Carbon Fiber in Sports Equipment Consumption Value Market Share by Application in 2023

Figure 9. Sports Sticks Examples

Figure 10. Rackets Examples

Figure 11. Skis and Snowboards Examples

Figure 12. Others Examples

Figure 13. Global Carbon Fiber in Sports Equipment Consumption Value, (USD Million): 2019 & 2023 & 2030

Figure 14. Global Carbon Fiber in Sports Equipment Consumption Value and Forecast (2019-2030) & (USD Million)

Figure 15. Global Carbon Fiber in Sports Equipment Sales Quantity (2019-2030) & (K MT)

Figure 16. Global Carbon Fiber in Sports Equipment Average Price (2019-2030) & (USD/MT)

Figure 17. Global Carbon Fiber in Sports Equipment Sales Quantity Market Share by Manufacturer in 2023

Figure 18. Global Carbon Fiber in Sports Equipment Consumption Value Market Share by Manufacturer in 2023

Figure 19. Producer Shipments of Carbon Fiber in Sports Equipment by Manufacturer Sales Quantity (\$MM) and Market Share (%): 2023

Figure 20. Top 3 Carbon Fiber in Sports Equipment Manufacturer (Consumption Value) Market Share in 2023

Figure 21. Top 6 Carbon Fiber in Sports Equipment Manufacturer (Consumption Value) Market Share in 2023

Figure 22. Global Carbon Fiber in Sports Equipment Sales Quantity Market Share by

Region (2019-2030)

Figure 23. Global Carbon Fiber in Sports Equipment Consumption Value Market Share by Region (2019-2030)

Figure 24. North America Carbon Fiber in Sports Equipment Consumption Value (2019-2030) & (USD Million)

Figure 25. Europe Carbon Fiber in Sports Equipment Consumption Value (2019-2030) & (USD Million)

Figure 26. Asia-Pacific Carbon Fiber in Sports Equipment Consumption Value (2019-2030) & (USD Million)

Figure 27. South America Carbon Fiber in Sports Equipment Consumption Value (2019-2030) & (USD Million)

Figure 28. Middle East & Africa Carbon Fiber in Sports Equipment Consumption Value (2019-2030) & (USD Million)

Figure 29. Global Carbon Fiber in Sports Equipment Sales Quantity Market Share by Type (2019-2030)

Figure 30. Global Carbon Fiber in Sports Equipment Consumption Value Market Share by Type (2019-2030)

Figure 31. Global Carbon Fiber in Sports Equipment Average Price by Type (2019-2030) & (USD/MT)

Figure 32. Global Carbon Fiber in Sports Equipment Sales Quantity Market Share by Application (2019-2030)

Figure 33. Global Carbon Fiber in Sports Equipment Consumption Value Market Share by Application (2019-2030)

Figure 34. Global Carbon Fiber in Sports Equipment Average Price by Application (2019-2030) & (USD/MT)

Figure 35. North America Carbon Fiber in Sports Equipment Sales Quantity Market Share by Type (2019-2030)

Figure 36. North America Carbon Fiber in Sports Equipment Sales Quantity Market Share by Application (2019-2030)

Figure 37. North America Carbon Fiber in Sports Equipment Sales Quantity Market Share by Country (2019-2030)

Figure 38. North America Carbon Fiber in Sports Equipment Consumption Value Market Share by Country (2019-2030)

Figure 39. United States Carbon Fiber in Sports Equipment Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 40. Canada Carbon Fiber in Sports Equipment Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 41. Mexico Carbon Fiber in Sports Equipment Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 42. Europe Carbon Fiber in Sports Equipment Sales Quantity Market Share by Type (2019-2030)

Figure 43. Europe Carbon Fiber in Sports Equipment Sales Quantity Market Share by Application (2019-2030)

Figure 44. Europe Carbon Fiber in Sports Equipment Sales Quantity Market Share by Country (2019-2030)

Figure 45. Europe Carbon Fiber in Sports Equipment Consumption Value Market Share by Country (2019-2030)

Figure 46. Germany Carbon Fiber in Sports Equipment Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 47. France Carbon Fiber in Sports Equipment Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 48. United Kingdom Carbon Fiber in Sports Equipment Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 49. Russia Carbon Fiber in Sports Equipment Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 50. Italy Carbon Fiber in Sports Equipment Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 51. Asia-Pacific Carbon Fiber in Sports Equipment Sales Quantity Market Share by Type (2019-2030)

Figure 52. Asia-Pacific Carbon Fiber in Sports Equipment Sales Quantity Market Share by Application (2019-2030)

Figure 53. Asia-Pacific Carbon Fiber in Sports Equipment Sales Quantity Market Share by Region (2019-2030)

Figure 54. Asia-Pacific Carbon Fiber in Sports Equipment Consumption Value Market Share by Region (2019-2030)

Figure 55. China Carbon Fiber in Sports Equipment Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 56. Japan Carbon Fiber in Sports Equipment Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 57. Korea Carbon Fiber in Sports Equipment Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 58. India Carbon Fiber in Sports Equipment Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 59. Southeast Asia Carbon Fiber in Sports Equipment Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 60. Australia Carbon Fiber in Sports Equipment Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 61. South America Carbon Fiber in Sports Equipment Sales Quantity Market



Share by Type (2019-2030)

Figure 62. South America Carbon Fiber in Sports Equipment Sales Quantity Market Share by Application (2019-2030)

Figure 63. South America Carbon Fiber in Sports Equipment Sales Quantity Market Share by Country (2019-2030)

Figure 64. South America Carbon Fiber in Sports Equipment Consumption Value Market Share by Country (2019-2030)

Figure 65. Brazil Carbon Fiber in Sports Equipment Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 66. Argentina Carbon Fiber in Sports Equipment Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 67. Middle East & Africa Carbon Fiber in Sports Equipment Sales Quantity Market Share by Type (2019-2030)

Figure 68. Middle East & Africa Carbon Fiber in Sports Equipment Sales Quantity Market Share by Application (2019-2030)

Figure 69. Middle East & Africa Carbon Fiber in Sports Equipment Sales Quantity Market Share by Region (2019-2030)

Figure 70. Middle East & Africa Carbon Fiber in Sports Equipment Consumption Value Market Share by Region (2019-2030)

Figure 71. Turkey Carbon Fiber in Sports Equipment Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 72. Egypt Carbon Fiber in Sports Equipment Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 73. Saudi Arabia Carbon Fiber in Sports Equipment Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 74. South Africa Carbon Fiber in Sports Equipment Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 75. Carbon Fiber in Sports Equipment Market Drivers

Figure 76. Carbon Fiber in Sports Equipment Market Restraints

Figure 77. Carbon Fiber in Sports Equipment Market Trends

Figure 78. Porters Five Forces Analysis

Figure 79. Manufacturing Cost Structure Analysis of Carbon Fiber in Sports Equipment in 2023

Figure 80. Manufacturing Process Analysis of Carbon Fiber in Sports Equipment

Figure 81. Carbon Fiber in Sports Equipment Industrial Chain

Figure 82. Sales Quantity Channel: Direct to End-User vs Distributors

Figure 83. Direct Channel Pros & Cons

Figure 84. Indirect Channel Pros & Cons

Figure 85. Methodology

Figure 86. Research Process and Data Source

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