

# Composite Materials in the Global Sporting Goods Market Report: Trends, Forecast and Competitive Analysis

https://marketpublishers.com/r/C146FAFF51DEN.html

Date: February 2019 Pages: 193 Price: US\$ 4,850.00 (Single User License) ID: C146FAFF51DEN

# Abstracts

The future of the composite materials in the global sporting goods industry looks attractive with opportunities in skis & snowboards, bicycle, rackets, golf clubs & shafts, hockey sticks, and fishing rod applications. The composite materials market in the global sporting goods industry is expected to reach an estimated \$579 million by 2023 and is forecast to grow at a CAGR of 3.2% from 2018 to 2023. The major drivers for this market are increasing use of lightweight and high-performance materials in sports equipment.

Emerging trend, which has a direct impact on the dynamics for composites in the sporting goods industry, includes increasing use of thermoplastic resin based composite materials.

A total of 136 figures/charts and 79 tables are provided in this 193 -page report to help in your business decisions. Sample figures with some insights are shown below. To learn the scope of, benefits, companies researched and other details for composite materials in the global sporting goods market report download the report brochure.

Composite Materials in the Global Sporting Goods Market by Application

Composite Materials in the Global Sporting Goods Market

Composite Materials in the Global Sporting Goods Manufacturers

The study includes the market size for composites in the sporting goods industry and forecast for composites in the sporting goods industry by application, reinforcement,



resin, process, and region as follows:

Composite Materials in the Global Sporting Goods Industry by Application [Volume (M lbs) and \$M shipment analysis from 2012 to 2023]: Golf Clubs/Shafts Hockey Sticks Rackets Bicycle Parts Skis/Snowboards Fishing Rods Others Composite Materials in the Global Sporting Goods Industry by Reinforcement [Volume (M lbs) and \$M shipment analysis from 2012 to 2023]: Carbon Composites Glass Composites Others Composite Materials in the Global Sporting Goods Industry by Resin [Volume (M lbs)] and \$M shipment analysis from 2012 to 2023]: **Epoxy Polyamide Vinyl Ester Others** Composite Materials in the Global Sporting Goods Industry by Manufacturing Process [Volume (M lbs) and \$M shipment analysis from 2012 to 2023]: Prepreg Layup Infusion Filament Winding Wet Layup Others Composite Materials in the Global Sporting Goods Industry by Region [Volume (M lbs)] and \$M shipment analysis from 2012 to 2023]: North America Europe Asia Pacific Rest of the World Some of the companies supplying composite materials to sporting goods industry are Toray, Mitsubishi Rayon Co., TenCate, Lanxess, and Hexcel.

Lucintel forecasts that the skis & snowboard is expected to remain the largest application by volume and golf shafts & clubs by value. Fishing rod is expected to witness the highest growth during the forecast period supported by the growing demand for lightweight and high strength materials.

By reinforcement type, carbon fiber reinforced composite is expected to remain the largest segment over the forecast period. In terms of growth, glass fiber composites and carbon fiber composites are expected to witness moderate growth over the forecast period.

Asian Pacific is expected to remain the largest market and it is also expected to witness the highest growth over the forecast period. Asia Pacific became the home for leading composite component manufactures for sporting goods industry.

Some of the features of "Composite Materials in the Global Sporting Goods Market Report: Trends, Forecast and Competitive Analysis" Include:

Market size estimates: Composite materials in the global sporting goods market size



estimation in terms of value (\$M) and volume (M Lbs.) shipment.Trend and forecast analysis: Market trend (2012-2017) and forecast (2018-2023) by application, and end use industry.Segmentation analysis: Composite materials in the global sporting goods market size by various applications such as application, reinforcement, resin, process segment in terms of value and volume shipment.Regional analysis: Composite materials in the global sporting goods market breakdown by North America, Europe, Asia Pacific, and the Rest of the World.Growth opportunities: Analysis on growth opportunities in different applications and regions for composite materials in the global sporting goods market.Strategic analysis: This includes M&A, new product development, and competitive landscape for composite materials in the global sporting goods market. Analysis of competitive intensity of the industry based on Porter's Five Forces model.

This report answers following 11 key questions:

Q.1 What are some of the most promising potential, high-growth opportunities for composites in the sporting goods industry by market segments (golf clubs/shafts, hockey sticks, rackets, bicycle parts, skis/snowboards, fishing rods, others), by reinforcement (carbon composites, glass composites, and others), by resin (epoxy, polyamide, and others), by process (prepreg layup, infusion, filament winding, wet layup, others), and by region (North America, Europe, Asia Pacific, and the Rest of the World)?

Q.2 Which segments will grow at a faster pace and why?

Q.3 Which regions will grow at a faster pace and why?

Q.4 What are the key factors affecting market dynamics? What are the drivers and challenges for composites in the sporting goods (sports composites market, braided composites market, composite fiber materials in sports equipment market, composite materials in the global sporting goods market) market?

Q.5 What are the business risks and threats for composites in the sporting goods (sports composites market, braided composites market, composite fiber materials in sports equipment market, composite materials in the global sporting goods market) market?

Q.6 What are emerging trends for composites in the sporting goods (sports composites market, braided composites market, composite fiber materials in sports equipment market, composite materials in the global sporting goods market) market and the reasons behind them?

Q.7 What are some changing demands of customers for composites in the sporting goods (sports composites market, braided composites market, composite fiber materials in sports equipment market, composite materials in the global sporting goods market)



market?

Q.8 What are the new developments for composites in the sporting goods (sports composites market, braided composites market, composite fiber materials in sports equipment market, composite materials in the global sporting goods market) market? Which companies are leading these developments?

Q.9 Who are the major players for composites in the sporting goods (sports composites market, braided composites market, composite fiber materials in sports equipment market, composite materials in the global sporting goods market) market? What strategic initiatives are being implemented by key players for business growth? Q.10 What are some of the competitive products and processes for composites in the sporting goods (sports composites market, braided composites market, composite fiber materials in sports equipment market, composite materials in the global sporting goods (sports composites market, braided composites market, composite fiber materials in sports equipment market, composite materials in the global sporting goods market) area and how big of a threat do they pose for loss of market share via material or product substitution?

Q.11 What M & A activities have taken place in the last 5 years for composites in the sporting goods (sports composites market, braided composites market, composite fiber materials in sports equipment market, composite materials in the global sporting goods market) market?



# Contents

### **1. EXECUTIVE SUMMARY**

# 2. MARKET BACKGROUND AND CLASSIFICATIONS

- 2.1: Introduction, Background, and Classifications
- 2.2: Supply Chain
- 2.3: Industry Drivers and Challenges

#### 3. MARKET TRENDS AND FORECAST ANALYSIS FROM 2012 TO 2023

- 3.1: Macroeconomic Trends and Forecast
- 3.2: Composites in the Global Sporting Goods Market: Trends and Forecast
- 3.3: Composites in the Global Sporting Goods Market by Application
- 3.3.1: Snow and Ski Boards
- 3.3.2: Bicycle Parts
- 3.3.3: Rackets
- 3.3.4: Golf Shafts and Clubs
- 3.3.5: Hockey Sticks
- 3.3.6: Fishing Rods
- 3.3.7: Others

3.4: Composites in the Global Sporting Goods Market by Reinforcement Type

- 3.4.1: Carbon Fiber
- 3.4.2: Glass Fiber
- 3.4.3: Others
- 3.5: Composites in the Global Sporting Goods Market by Resin
  - 3.5.1: Epoxy
  - 3.5.2: Polyamide
  - 3.5.3: Others
- 3.6: Composites in the Global Sporting Goods Market by Process
  - 3.6.1: Prepreg Layup
  - 3.6.2: Infusion
  - 3.6.3: Filament Winding
  - 3.6.4: Wet Layup
  - 3.6.5: Others

#### 4. MARKET TRENDS AND FORECAST ANALYSIS BY REGION

Composite Materials in the Global Sporting Goods Market Report: Trends, Forecast and Competitive Analysis



- 4.1: Composites in the Global Sporting Goods Market by Region
- 4.2: Composites in the North American Sporting Goods Market
- 4.2.1: Composites in the United States Sporting Goods Market
- 4.3: Composites in the European Sporting Goods Market
- 4.3.1: Composites in the German Sporting Goods Market
- 4.3.2: Composites in the French Sporting Goods Market
- 4.4: Composites in the Asia Pacific Sporting Goods Market
- 4.4.1: Composites in the Chinese Sporting Goods Market
- 4.4.2: Composites in the Taiwan Sporting Goods Market
- 4.4.3: Composites in the Japanese Sporting Goods Market
- 4.5: Composites in the ROW Sporting Goods Market
- 4.5.1: Composites in the Brazilian Sporting Goods Market
- 4.5.2: Composites in the South African Sporting Goods Market

# **5. COMPETITOR ANALYSIS**

- 5.1: Product Portfolio Analysis
- 5.2: Operational Integration
- 5.3: Geographical Reach
- 5.4: Porter's Five Forces Analysis

# 6. GROWTH OPPORTUNITIES AND STRATEGIC ANALYSIS

6.1: Growth Opportunity Analysis

6.1.1: Growth Opportunities for Composites in the Global Sporting Goods Market by Application

6.1.2: Growth Opportunities for Composites in the Global Sporting Goods Market by Process

6.1.3: Growth Opportunities for Composites in the Global Sporting Goods Market by Reinforcement Type

6.1.4: Growth Opportunities for Composites in the Global Sporting Goods Market by Resin Type

6.1.5: Growth Opportunities for Composites in the Global Sporting Goods Market by Region Type

6.2: Emerging Trends for Composites in the Global Sporting Goods Market

6.3: Strategic Analysis

6.3.1: New Product Development

6.3.2: Capacity Expansion of the Composite Players in the Global Sporting Goods Market



6.3.3: Mergers, Acquisitions and Strategic Alliances for Composites in the Global Sporting Goods Market

# 7. COMPANY PROFILES OF LEADING PLAYERS

- 7.1: Mitsubishi Rayon Corporation Limited
- 7.2: Toray Industries Inc.
- 7.3: Toho Tenax
- 7.4: Hexcel Corporation
- 7.5: SGL Group
- 7.6: Cytec Solvay Group



# **List Of Figures**

# LIST OF FIGURES

### CHAPTER 2. MARKET BACKGROUND AND CLASSIFICATIONS

Figure 2.1: Classification of the Composites in the Global Sporting Goods Market

Figure 2.2: Blizzard Rustler

Figure 2.3 Composite Materials for Ski and Snowboard Applications

- Figure 2.4: Application Served by Sporting Goods Manufacturers
- Figure 2.5: Speeder 3000

Figure 2.6: Bicycle Frame Made with Carbon Fiber Prepreg Using Roll Wrapping Process

- Figure 2.7 Composite Materials for Bicycle Applications
- Figure 2.8: Carbon Composite Racket
- Figure 2.9 Composite Materials for Rackets Applications
- Figure 2.10: Carbon Composite Racket
- Figure 2.11 Composite Materials for Golf and Hockey Sticks Applications
- Figure 2.12: Lacrosse Stick
- Figure 2.13: Composite Surfboards
- Figure 2.14: Glass Fiber
- Figure 2.15: Plain Weave Carbon Fiber
- Figure 2.16: Aramid Fiber
- Figure 2.17: Natural Fibers
- Figure 2.18: Schematic of Prepreg Layup
- Figure 2.19: Illustration of Filament Winding Process
- Figure 2.20: Illustration of RTM/VARTM
- Figure 2.21: Illustration of Wet Layup
- Figure 2.22: Supply Chain of Composites in the Global Sporting Goods Market

Figure 2.23: Major Drivers and Challenges for Composites in the Global Sporting Goods Market

# CHAPTER 3. MARKET TRENDS AND FORECAST ANALYSIS FROM 2012 TO 2023

Figure 3.1: Trends of the Global GDP Growth Rate

Figure 3.2: Trends of the Regional GDP Growth Rate

Figure 3.3: Trends of the Global Population Growth Rate

Figure 3.4: Trends of the Global Inflation Rate

Figure 3.5: Trends of the Global Unemployment Rate



Figure 3.6: Trends of the Regional Population Growth Rate

Figure 3.7: Trends of the Regional Inflation Rate

Figure 3.8: Trends of the Regional Unemployment Rate

Figure 3.9: Regional Per Capita Income Trends

Figure 3.10: Forecast for the Global GDP Growth Rate

Figure 3.11: Forecast for the Regional GDP Growth Rate

Figure 3.12: Forecast for the Global Population Growth Rate

Figure 3.13: Forecast for the Global Inflation Rate

Figure 3.14: Forecast for the Global Unemployment Rate

Figure 3.15: Forecast for the Regional Population Growth Rate

Figure 3.16: Forecast for the Regional Inflation Rate

Figure 3.17: Forecast for the Regional Unemployment Rate

Figure 3.18: Forecast for Regional Per Capita Income

Figure 3.19: Trends and Forecast for Composites in the Global Sporting Goods Market (\$M) (2012-2023)

Figure 3.20: Trends and Forecast for Composites in the Global Sporting Goods Market (M lb) (2012-2023)

Figure 3.21: Trends of Composites in the Global Sporting Goods Market (\$M) by Application (2012-2017)

Figure 3.22: Forecast for Composites in the Global Sporting Goods Market (\$M) by Application (2018-2023)

Figure 3.23: Trends of Composites in the Global Sporting Goods Market (M lbs) by Application (2012-2017)

Figure 3.24: Forecast for Composites in the Global Sporting Goods Market (M lbs) by Application (2018-2023)

Figure 3.25: Trends and Forecast for Composites in Skis and Snow Boards in the Global Sporting Goods Market (\$M) (2012-2023)

Figure 3.26: Trends and Forecast for Composites in Skis and Snow Boards in the Global Sporting Goods Market (M lbs) (2012-2023)

Figure 3.27: Trends and Forecast for Composites in Bicycle Parts the Global Sporting Goods Market (\$M) (2012-2023)

Figure 3.28: Trends and Forecast for Composites in Bicycle Parts the Global Sporting Goods Market (M lbs) (2012-2023)

Figure 3.29: Trends and Forecast for Composites in Rackets in the Global Sporting Goods Market (\$M) (2012-2023)

Figure 3.30: Trends and Forecast for Composites in Rackets in the Global Sporting Goods Market (M lbs) (2012-2023)

Figure 3.31: Trends and Forecast for Composites in Golf Shafts and Clubs in the Global Sporting Goods Market (\$M) (2012-2023)



Figure 3.32: Trends and Forecast for Composites in Golf Shafts and Clubs in the Global Sporting Goods Market (M lbs) (2012-2023)

Figure 3.33: Trends and Forecast for Composites in Hockey Sticks in the Global Sporting Goods Market (\$M) (2012-2023)

Figure 3.34: Trends and Forecast for Composites in Hockey Sticks in the Global Sporting Goods Market (M lbs) (2012-2023)

Figure 3.35: Trends and Forecast for Composites in Fishing Rods in the Global Sporting Goods Market (\$M) (2012-2023)

Figure 3.36: Trends and Forecast for Composites in Fishing Rods in the Global Sporting Goods Market (M lbs) (2012-2023)

Figure 3.37: Trends and Forecast for Composites in Other Applications in the Global Sporting Goods Market (\$M) (2012-2023)

Figure 3.38: Trends and Forecast for Composites in Other Applications in the Global Sporting Goods Market (M lbs) (2012-2023)

Figure 3.39: Trends of Composites in the Global Sporting Goods Market (\$M) by Reinforcement (2012-2017)

Figure 3.40: Forecast for Composites in the Global Sporting Goods Market (\$M) by Reinforcement (2018-2023)

Figure 3.41: Trends of Composites in the Global Sporting Goods Market (M lbs) by Reinforcement (2012-2017)

Figure 3.42: Forecast for Composites in the Global Sporting Goods Market (M lbs) by Reinforcement (2018-2023)

Figure 3.43: Trends and Forecast for Carbon Reinforced Composites in the Global Sporting Goods Market (\$M) (2012-2023)

Figure 3.44: Trends and Forecast for Carbon Reinforced Composites in the Global Sporting Goods Market (M lbs) (2012-2023)

Figure 3.45: Trends and Forecast for Glass Reinforced Composites in the Global Sporting Goods Market (\$M) (2012-2023)

Figure 3.46: Trends and Forecast for Glass Reinforced Composites in the Global Sporting Goods Market (M lbs) (2012-2023)

Figure 3.47: Trends and Forecast for Other Fiber Reinforced Composites in the Global Sporting Goods Market (\$M) (2012-2023)

Figure 3.48: Trends and Forecast for Other Fiber Reinforced Composites in the Global Sporting Goods Market (M lbs) (2012-2023)

Figure 3.49: Trends of Composites in the Global Sporting Goods Market (\$M) by Resin Type (2012-2017)

Figure 3.50: Trends of Composites in the Global Sporting Goods Market (\$M) by Resin Type (2018-2023)

Figure 3.51: Trends of Composites in the Global Sporting Goods Market (M lbs) by



Resin Type (2012-2017)

Figure 3.52: Forecast for Composites in the Global Sporting Goods Market (M lbs) by Resin Type (2018-2023)

Figure 3.53: Trends and Forecast for Epoxy Resin Based Composites in the Global Sporting Goods Market (\$M) (2012-2023)

Figure 3.54: Trends and Forecast for Epoxy Resin Based Composites in the Global Sporting Goods Market (M lbs) (2012-2023)

Figure 3.55: Trends and Forecast for Polyamide Resin Based Composites in the Global Sporting Goods Market (\$M) (2012-2023)

Figure 3.56: Trends and Forecast for Polyamide Resin Based Composites in the Global Sporting Goods Market (M lbs) (2012-2023)

Figure 3.57: Trends and Forecast for Other Resin Based Composites in the Global Sporting Goods Market (\$M) (2012-2023)

Figure 3.58: Trends and Forecast for Other Resin Based Composites in the Global Sporting Goods Market (M lbs) (2012-2023)

Figure 3.59: Trends of Composites in the Global Sporting Goods Market (\$M) by Process (2012-2017)

Figure 3.60: Trends of Composites in the Global Sporting Goods Market (\$M) by Process (2018-2023)

Figure 3.61: Trends of Composites in the Global Sporting Goods Market (M lbs) by Process (2012-2017)

Figure 3.62: Forecast for Composites in the Global Sporting Goods Market (M lbs) by Process (2018-2023)

Figure 3.63: Trends and Forecast for Prepreg Layup Process in the Global Sporting Goods Market (\$M) (2012-2023)

Figure 3.64: Trends and Forecast for Prepreg Layup Process in the Global Sporting Goods Market (M lbs) (2012-2023)

Figure 3.65: Trends and Forecast for Composites in Infusion Process in the Global Sporting Goods Market (\$M) (2012-2023)

Figure 3.66: Trends and Forecast for Composites in Infusion Process in the Global Sporting Goods Market (M lbs) (2012-2023)

Figure 3.67: Trends and Forecast for Composites in Filament Winding Process in the Global Sporting Goods Market (\$M) (2012-2023)

Figure 3.68: Trends and Forecast for Composites in Filament Winding Process in the Global Sporting Goods Market (M lbs) (2012-2023)

Figure 3.69: Trends and Forecast for Composites in Wet Layup Process in the Global Sporting Goods Market (\$M) (2012-2023)

Figure 3.70: Trends and Forecast for Composites in Wet Layup Process in the Global Sporting Goods Market (M lbs) (2012-2023)



Figure 3.71: Trends and Forecast for Other Processes in the Global Sporting Goods Market (\$M) (2012-2023)

Figure 3.72: Trends and Forecast for Other Processes in the Global Sporting Goods Market (M lbs) (2012-2023)

# CHAPTER 4. MARKET TRENDS AND FORECAST ANALYSIS BY REGION

Figure 4.1: Trends of Composites in the Global Sporting Goods Market (\$M) by Region (2012-2017)

Figure 4.2: Forecast for Composites in the Global Sporting Goods Market (\$M) by Region (2018-2023)

Figure 4.3: Trends of Composites in the Global Sporting Goods (M lbs) by Region (2012-2017)

Figure 4.4: Forecast for Composites in the Global Sporting Goods (M lbs) by Region (2018-2023)

Figure 4.5: Trends and Forecast for Composites in the North American Sporting Goods Market (\$M) (2012-2023)

Figure 4.6: Trends and Forecast for Composites in the North American Sporting Goods Market (M lbs) (2012-2023)

Figure 4.7: Trends and Forecast for Composites in the US Sporting Goods Market (\$M) (2012-2023)

Figure 4.8: Trends and Forecast for Composites in the US Sporting Goods Market (M lbs) (2012-2023)

Figure 4.9: Trends and Forecast for Composites in the European Sporting Goods Market (M lbs) (2012-2023)

Figure 4.10: Trends and Forecast for Composites in the German Sporting Goods Market (M lbs) (2012-2023)

Figure 4.11: Trends and Forecast for Composites in the French Sporting Goods Market (\$M) (2012-2023)

Figure 4.12: Trends and Forecast for Composites in the French Sporting Goods Market (M lbs) (2012-2023)

Figure 4.13: Trends and Forecast for Composites in the APAC Sporting Goods Market (\$M) (2012-2023)

Figure 4.14: Trends and Forecast for Composites in the APAC Sporting Goods Market (M lbs) (2012-2023)

Figure 4.15: Trends and Forecast for Composites in the Chinese Sporting Goods Market (M lbs) (2012-2023)

Figure 4.16: Trends and Forecast for Composites in the Taiwanese Sporting Goods Market (\$M) (2012-2023)



Figure 4.17: Trends and Forecast for Composites in the Taiwanese Sporting Goods Market (M lbs) (2012-2023)

Figure 4.18: Trends and Forecast for Composites in the Japanese Sporting Goods Market (\$M) (2012-2023)

Figure 4.19: Trends and Forecast for Composites in the Japanese Sporting Goods Market (M lbs) (2012-2023)

Figure 4.20: Trends and Forecast for Composites in the ROW Sporting Goods Market (\$M) (2012-2023)

Figure 4.21: Trends and Forecast of Composites in the ROW Sporting Goods Market (M lbs) (2012-2023)

Figure 4.22: Trends and Forecast for Composites in the Brazilian Sporting Goods Market (\$M) (2012-2023)

Figure 4.23: Trends and Forecast for Composites in the Brazilian Sporting Goods Market (M lbs) (2012-2023)

Figure 4.24: Trends and Forecast for Composites in the South African Sporting Goods Market (\$M) (2012-2023)

Figure 4.25: Trends and Forecast for Composites in the South African Sporting Goods Market (M lbs) (2012-2023)

# CHAPTER 5. COMPETITOR ANALYSIS

Figure 5.1: Headquarter Locations of Composite Players in the Global Sporting Goods Market

Figure 5.2: Porter's Five Forces for Composites in the Global Sporting Goods Market

# CHAPTER 6. GROWTH OPPORTUNITIES AND STRATEGIC ANALYSIS

Figure 6.1: Growth Opportunities for Composites in the Global Sporting Goods Market by Application

Figure 6.2: Growth Opportunities for Composites in the Global Sporting Goods Market by Process

Figure 6.3: Growth Opportunities for Composites in the Global Sporting Goods Market by Reinforcement Type

Figure 6.4: Growth Opportunities for Composites in the Global Sporting Goods Market by Resin Type

Figure 6.5: Growth Opportunities for Composites in the Global Sporting Goods Market by Region

Figure 6.6: Emerging Trends for Composites in the Global Sporting Goods Market Figure 6.7: Strategic Initiatives by Major Competitors in the Global Sporting Goods



#### Market

Figure 6.8: Capacity Expansion by Major Players for Composites in the Global Sporting Goods Market

#### **CHAPTER 7. COMPANY PROFILES OF LEADING PLAYERS**

Figure 7.1: Headquarter Location of Mitsubishi Rayon Corporation

Figure 7.2: Major Composite Plant Locations of Toray

Figure 7.3: Headquarter Location of Toho Tenax (Teijin) Limited

Figure 7.4: Major Composite Plant Locations of Hexcel Corporation

Figure 7.5: Headquarter Location of SGL Group

Figure 7.6: Major Composite Plant Locations of Cytec Solvay Group



# **List Of Tables**

# LIST OF TABLES

### CHAPTER 1. MARKET BACKGROUND AND CLASSIFICATIONS

Table 1.1: Composites in the Global Sporting Goods Market: Parameters and Attributes-Material Prospective

# CHAPTER 2. MARKET BACKGROUND AND CLASSIFICATIONS

Table 2.1: Composite Applications in Sporting Goods Markets

# CHAPTER 3. MARKET TRENDS AND FORECAST ANALYSIS FROM 2012 TO 2023

Table 3.1: Market Trends of Composites in the Global Sporting Goods Market (2012-2017)

Table 3.2: Market Forecast for the Composites in the Global Sporting Goods Market (2018-2023)

Table 3.3: Market Size and CAGR of Various Applications for Composites in the Global Sporting Goods Market by Value (2012-2017)

Table 3.4: Market Size and CAGR of Various Applications for Composites in the Global Sporting Goods Market by Value (2018-2023)

Table 3.5: Market Size and CAGR of Various Applications for Composites in the Global Sporting Goods Market by Volume (2012-2017)

Table 3.6: Market Size and CAGR of Various Applications for Composites in the Global Sporting Goods Market by Volume (2018-2023)

Table 3.7: Trends of Composites in Skis and Snow Boards in the Global Sporting Goods Market (2012-2023)

Table 3.8: Forecast for Composites in Skis and Snow Boards in the Global Sporting Goods Market (2018-2023)

Table 3.9: Trends of Composites in Bicycle Parts in the Global Sporting Goods Market (2012-2017)

Table 3.10: Forecast for Composites in Bicycle Parts in the Global Sporting Goods Market (2018-2023)

Table 3.11: Trends of Composites in Rackets in the Global Sporting Goods Market (2012-2017)

Table 3.12: Forecast for Composites in Rackets in the Global Sporting Goods Market (2018-2023)

Composite Materials in the Global Sporting Goods Market Report: Trends, Forecast and Competitive Analysis



Table 3.13: Trends of Composites in Golf Shafts and Clubs in the Global Sporting Goods Market (2012-2017)

Table 3.14: Forecast for Composites in Golf Shafts and Clubs in the Global Sporting Goods Market (2018-2023)

Table 3.15 Trends of Composites in Hockey Sticks in the Global Sporting Goods Market (2012-2017)

Table 3.16: Forecast for Composites in Hockey Sticks in the Global Sporting Goods Market (2018-2023)

Table 3.17: Trends of Composites in Fishing Rods in the Global Sporting Goods Market (2012-2017)

Table 3.18: Forecast for Composites in Fishing Rods in the Global Sporting Goods Market (2018-2023)

Table 3.19: Trends of Composites in Other Applications in the Global Sporting Goods Market (2012-2017)

Table 3.20: Forecast for Composites in Other Applications in the Global Sporting Goods Market (2018-2023)

Table 3.21: Market Size and CAGR of Various Reinforcements in the Global Sporting Goods Market by Value (2012-2017)

Table 3.22: Market Size and CAGR of Various Reinforcements in the Global Sporting Goods Market by Value (2018-2023)

Table 3.23: Market Size and CAGR of Various Reinforcements in the Global Sporting Goods Market by Volume (2012-2017)

Table 3.24: Market Size and CAGR of Various Reinforcements in the Global Sporting Goods Market by Volume (2018-2023)

Table 3.25: Market Trends of Carbon Reinforced Composites in the Global Sporting Goods Market (2012-2017)

Table 3.26: Market Forecast of Carbon Reinforced Composites in the Global Sporting Goods Market (2018-2023)

Table 3.27: Trends of Glass Fiber Reinforced Composites in the Global Sporting Goods Market (2012-2017)

Table 3.28: Forecast for Glass Fiber Reinforced Composites in the Global SportingGoods Market (2018-2023)

Table 3.29: Trends of Other Fiber Reinforced Composites in the Global Sporting Goods Market (2012-2017)

Table 3.30: Forecast for Other Fiber Reinforced Composites in the Global Sporting Goods Market (2018-2023)

Table 3.31: Market Size and CAGR of Various Resin Based Composites in the GlobalSporting Goods Market by Value (2012-2017)

Table 3.32: Market Size and CAGR of Various Resin Based Composites in the Global



Sporting Goods Market by Value (2018-2023)

Table 3.33: Market Size and CAGR of Various Resin Based Composites in the Global Sporting Goods Market by Volume (2012-2017)

Table 3.34: Market Size and CAGR of Various Resin Based Composites in the Global Sporting Goods Market by Volume (2018-2023)

Table 3.35: Market Trends of Epoxy Resin Based Composites in the Global Sporting Goods Market (2012-2017)

Table 3.36: Market Forecast for Epoxy Resin Based Composites in the Global Sporting Goods Market (2018-2023)

Table 3.37: Trends of Polyamide Resin Based Composites in the Global Sporting Goods Market (2012-2017)

Table 3.38: Forecast for Polyamide Resin Based Composites in the Global Sporting Goods Market (2018-2023)

Table 3.39: Trends of Other Resin Based Composites in the Global Sporting GoodsMarket (2012-2017)

Table 3.40: Forecast for Other Resin Based Composites in the Global Sporting Goods Market (2018-2023)

Table 3.41: Market Size and CAGR of Various Processes for Composites in the Global Sporting Goods Market by Value (2012-2017)

Table 3.42: Market Size and CAGR of Various Processes for Composites in the Global Sporting Goods Market by Value (2018-2023)

Table 3.43: Market Size and CAGR of Various Processes for Composites in the Global Sporting Goods Market by Volume (2012-2017)

Table 3.44: Market Size and CAGR of Various Processes for Composites in the Global Sporting Goods Market by Volume (2018-2023)

Table 3.45: Trends of Composites in Prepreg Layup Process in the Global Sporting Goods Market (2012-2017)

Table 3.46: Forecast for Composites in Prepreg Layup Process in the Global Sporting Goods Market (2018-2023)

Table 3.47: Trends of Composites in Infusion Process in the Global Sporting Goods Market (2012-2017)

Table 3.48: Forecast for Composites in Infusion Process in the Global Sporting Goods Market (2018-2023)

Table 3.49: Trends of Composites in Filament Winding Process in the Global Sporting Goods Market (2012-2017)

Table 3.50: Forecast of Composites in Filament Winding Process in the Global Sporting Goods Market (2018-2023)

Table 3.51: Trends of Composites in Wet Layup Process in the Global Sporting Goods Market (2012-2017)



Table 3.52: Market Forecast for Composites in Wet Layup Process in the Global Sporting Goods Market (2018-2023)

Table 3.53: Market Trends of Composites in Other Processes in the Global Sporting Goods Market (2012-2017)

Table 3.54: Market Forecast for Composites in Other Processes in the Global Sporting Goods Market (2018-2023)

# CHAPTER 4. MARKET TRENDS AND FORECAST ANALYSIS BY REGION

Table 4.1: Market Size and CAGR of Various Regions of Composites in the Global Sporting Goods Market by Value (2012-2017)

Table 4.2: Market Size and CAGR of Various Regions of Composites in the Global Sporting Goods Market by Value (2018-2023)

Table 4.3: Market Size and CAGR of Various Regions of the Composites in the Global Sporting Goods Market by Volume (2012-2017)

Table 4.4: Market Size and CAGR of Various Regions of Composites in the Global Sporting Goods Market by Volume (2018-2023)

Table 4.5: Trends of Composites in the North American Sporting Goods Market (2012-2017)

Table 4.6: Forecast for Composites in the North American Sporting Goods Market (2018-2023)

Table 4.7: Trends and Forecast for Composites in the US Sporting Goods Market (2012-2023)

Table 4.8: Trends of Composites in the European Sporting Goods Market (2012-2017) Table 4.9: Forecast for Composites in the European Sporting Goods Market (2018-2023)

Table 4.10: Trends and Forecast for Composites in the German Sporting Goods Market (2012-2023)

Table 4.11: Trends and Forecast for Composites in the French Sporting Goods Market (2012-2023)

Table 4.12: Trends of Composites in the APAC Sporting Goods Market (2012-2017)

Table 4.13: Forecast for Composites in the APAC Sporting Goods Market (2018-2023)

Table 4.14: Trends and Forecast for Composites in the Chinese Sporting Goods Market (2012-2023)

Table 4.15: Trends and Forecast for Composites in the Taiwanese Sporting Goods Market (2012-2023)

Table 4.16: Trends and Forecast for Composites in the Japanese Sporting Goods Market (2012-2023)

Table 4.17: Trends of Composites in the ROW Sporting Goods Market (2012-2017)



Table 4.18: Forecast for Composites in the ROW Sporting Goods Market (2018-2023) Table 4.19: Trends and Forecast for Composites in the Brazilian Sporting Goods Market (2012-2023)

Table 4.20: Trends and Forecast for Composites in the South African Sporting Goods Market (2012-2023)

# **CHAPTER 5. COMPETITOR ANALYSIS**

Table 5.1: Product Mapping of Composite Suppliers for Sporting Goods Based on Reinforcement Material

Table 5.2: Operational Integration of Composite Suppliers in the Sporting Goods Market

#### **CHAPTER 6. GROWTH OPPORTUNITIES AND STRATEGIC ANALYSIS**

Table 6.1: New Product Launches by Major Composite Producers in the Global Sporting Goods Market



### I would like to order

Product name: Composite Materials in the Global Sporting Goods Market Report: Trends, Forecast and Competitive Analysis

Product link: https://marketpublishers.com/r/C146FAFF51DEN.html

Price: US\$ 4,850.00 (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 <u>https://marketpublishers.com/r/C146FAFF51DEN.html</u>

To pay by Wire Transfer, please, fill in your contact details in the form below:

First name: Last name: Email: Company: Address: City: Zip code: Country: Tel: Fax: Your message:

\*\*All fields are required

Custumer signature \_\_\_\_\_

Please, note that by ordering from marketpublishers.com you are agreeing to our Terms & Conditions at <u>https://marketpublishers.com/docs/terms.html</u>

To place an order via fax simply print this form, fill in the information below and fax the completed form to +44 20 7900 3970



Composite Materials in the Global Sporting Goods Market Report: Trends, Forecast and Competitive Analysis