

Carbon Fiber Market by Raw Material (PAN-based carbon fiber, Pitch-based & Rayon-based carbon fiber), Type (Continuous, Long, and Short), Form (Composite and Non-composite) and End-Use Industry (Aerospace & Defense, Sports/Leisure, Wind Turbines, Molding & Compounds, Automotive, Pressure Vessels, Civil Engineering, Marine, Pultrusion Misc., Misc. Consumer, Sailing/Yacht Building, and Others) - Global Opportunity Analysis and Industry Forecast, 2018-2025

<https://marketpublishers.com/r/CAED52BF7E5EN.html>

Date: April 2018

Pages: 301

Price: US\$ 5,370.00 (Single User License)

ID: CAED52BF7E5EN

Abstracts

Fibers consisting of 92% or greater carbon weight are known as carbon fiber, which offers properties such as light weightiness, elasticity, stiffness, strength, high temperature resistance, high damping properties, and chemical inertness.

The global carbon fiber market was valued at \$2,766 million in 2017, and is anticipated to reach \$5,991 million by 2025, growing at a CAGR of 11.7% during the forecast period. In terms of volume, the market is anticipated to reach 197 kilotons by 2025, growing at a CAGR of 14.3%. It is segmented based on raw material, type, form, end-use industry, and geography. The demand for carbon fiber has increased owing to its increased use in wind turbines, automotive, sailing/yacht building, marine, and aerospace & defense industry.

Based on the raw material, the market is bifurcated into pan-based and pitch-based & rayon-based carbon fiber. Pan-based carbon fiber segment is projected to grow at the highest CAGR in the future. Based on the type, the market is divided into continuous, long, and short carbon fibers. Continuous carbon fiber dominated the market in 2017

and is also projected to register the highest growth rate. Aerospace & defense, sports/leisure, wind turbines, molding compounds, automotive, pressure vessels, civil engineering, marine, pultrusion misc., misc. consumer, and sailing/yacht building are the various end-use industries for this market. Aerospace & defense segment was the largest revenue contributor in 2017, whereas the wind turbine segment is projected to witness the highest CAGR. Increased penetration of carbon fiber in the automotive industry and rise in demand for carbon fiber in aerospace & defense sector drive the market growth. However, the growth of carbon fiber market is restricted owing to its high prices & unavailability.

Geographically, the market is analyzed across North America, Europe, Asia-Pacific, and LAMEA. North America led the market, both in terms of value & volume, in 2017, due to the presence of major carbon fiber suppliers and manufacturers. It is also projected to register the highest demand for carbon fiber, owing to the increased demand from aerospace & defense, automotive, wind turbine, and sports/leisure industries.

The companies profiled in the report are as follows:

Toray Industries Inc.

SGL Carbon SE

Solvay SA

Cytec Industries Inc.

Mitsubishi Chemical Holdings Corporation

Hyosung Corporation

Teijin Limited

DowAksa Advanced Composites Holding B.V.

OJSC 'Svetlogorskhhimvolokno'

Nippon Steel & Sumitomo Metal Corporation

KEY MARKET BENEFITS

The report provides an in-depth analysis of the current trends, drivers, and dynamics of the global carbon fiber market to elucidate the prevailing opportunities and the probable investment pockets.

It offers qualitative trends as well as quantitative analysis from 2017 to 2025 to assist the stakeholders to understand the market scenario.

A detailed analysis of the key segments demonstrates the consumption of carbon fiber in different applications across various industries.

Competitive intelligence highlights the business practices, strategies, and developments followed by key business players across the geographies.

KEY MARKET SEGMENTS

BY RAW MATERIAL

Pan-Based Carbon Fiber

Pitch-Based & Rayon-Based Carbon Fiber

BY TYPE

Continuous Carbon Fiber

Long Carbon Fiber

Short Carbon Fiber

BY FORM

Composite

Non-Composite

BY END-USER INDUSTRY

Aerospace & Defense

Sports/Leisure

Wind Turbines

Molding & Compounds

Automotive

Pressure Vessels

Civil Engineering

Marine

Pultrusion Misc.

Misc. Consumer

Sailing/Yacht Building

Others (Misc. Energy, Oil & Gas, Medical and Industrial Rollers)

BY GEOGRAPHY

North America

U.S.

Canada

Mexico

Europe

UK

Germany

France

Spain

Italy

Rest of Europe

Asia-Pacific

China

Korea

Japan

India

Rest of Asia-Pacific

LAMEA

Brazil

Argentina

UAE

Saudi Arabia

Rest Of LAMEA

OTHER KEY PLAYERS IN THE MARKET VALUE CHAIN INCLUDE THE FOLLOWING:

Carbon Fiber Market by Raw Material (PAN-based carbon fiber, Pitch-based & Rayon-based carbon fiber), Type (Co...

Formosa Plastic Corporation

Bluestar Fiber Company Ltd.

Zoltek Companies

Crosby Composites

Plasan Carbon Composites

The above list of companies is not profiled but can be profiled based on client request.

Contents

CHAPTER 1 INTRODUCTION

- 1.1. REPORT DESCRIPTION
- 1.2. KEY BENEFITS
- 1.3. RESEARCH METHODOLOGY
 - 1.3.1. Secondary research
 - 1.3.2. Primary research
 - 1.3.3. Analyst tools and models

CHAPTER 2 EXECUTIVE SUMMARY

- 2.1. MARKET SNAPSHOT
- 2.2. KEY FINDINGS OF THE STUDY
- 2.3. CXO PERSPECTIVE

CHAPTER 3 MARKET OVERVIEW

- 3.1. MARKET DEFINITION AND SCOPE
- 3.2. KEY FINDINGS
 - 3.2.1. Top investment pockets, by end-use industry
- 3.3. PORTERS FIVE FORCES ANALYSIS
- 3.4. MARKET DYNAMICS
 - 3.4.1. Drivers
 - 3.4.1.1. Increase in penetration of carbon fiber components in automotive industry
 - 3.4.1.2. Government regulations for emission control
 - 3.4.1.3. Rise in demand for high-performance carbon fiber in aerospace & defense
 - 3.4.2. Restraints
 - 3.4.2.1. High price of carbon fiber
 - 3.4.2.2. Long production cycle and unavailability of carbon fibers
 - 3.4.3. Opportunities
 - 3.4.3.1. Increase in application of carbon fiber in wind turbines
 - 3.4.3.2. Rise in use of carbon fiber in medical industry
- 3.5. PATENT ANALYSIS
- 3.6. PRODUCT BENCHMARKING

CHAPTER 4 GLOBAL CARBON FIBER MARKET, BY RAW MATERIAL

4.1. INTRODUCTION

4.1.1. Market size and forecast

4.2. PAN-BASED CARBON FIBER

4.2.1. Key market trends, growth factors, and opportunities

4.2.2. Market size and forecast

4.3. PITCH-BASED CARBON FIBER & RAYON-BASED CARBON FIBER

4.3.1. Key market trends, growth factors, and opportunities

4.3.2. Market size and forecast

CHAPTER 5 GLOBAL CARBON FIBER MARKET, BY TYPE

5.1. INTRODUCTION

5.1.1. Market size and forecast

5.2. CONTINUOUS CARBON FIBER

5.2.1. Key market trends, growth factors, and opportunities

5.2.2. Market size and forecast

5.3. LONG CARBON FIBER

5.3.1. Key market trends, growth factors, and opportunities

5.3.2. Market size and forecast

5.4. SHORT CARBON FIBER

5.4.1. Key market trends, growth factors, and opportunities

5.4.2. Market size and forecast

CHAPTER 6 GLOBAL CARBON FIBER MARKET, BY FORM

6.1. INTRODUCTION

6.1.1. Market size and forecast

6.2. COMPOSITE CARBON FIBER

6.2.1. Key market trends, growth factors, and opportunities

6.2.2. Market size and forecast

6.3. NON-COMPOSITE CARBON FIBER

6.3.1. Key market trends, growth factors, and opportunities

6.3.2. Market size and forecast

CHAPTER 7 GLOBAL CARBON FIBER MARKET, BY END-USE INDUSTRY

7.1. INTRODUCTION

7.1.1. Market size and forecast

7.2. AEROSPACE & DEFENSE

7.2.1. Key market trends, growth factors, and opportunities

7.2.2. Market size and forecast

7.3. SPORTS/LEISURE

7.3.1. Key market trends, growth factors, and opportunities

7.3.2. Market size and forecast

7.4. WIND TURBINES

7.4.1. Key market trends, growth factors, and opportunities

7.4.2. Market size and forecast

7.5. MOLDING & COMPOUNDS

7.5.1. Key market trends, growth factors, and opportunities

7.5.2. Market size and forecast

7.6. AUTOMOTIVE

7.6.1. Key market trends, growth factors, and opportunities

7.6.2. Market size and forecast

7.7. PRESSURE VESSELS

7.7.1. Key market trends, growth factors, and opportunities

7.7.2. Market size and forecast

7.8. CIVIL ENGINEERING

7.8.1. Key market trends, growth factors, and opportunities

7.8.2. Market size and forecast

7.9. MARINE

7.9.1. Key market trends, growth factors, and opportunities

7.9.2. Market size and forecast

7.10. PULTRUSION MISC.

7.10.1. Key market trends, growth factors, and opportunities

7.10.2. Market size and forecast

7.11. MISC. CONSUMER

7.11.1. Key market trends, growth factors, and opportunities

7.11.2. Market size and forecast

7.12. SAILING/YACHT BUILDING

7.12.1. Key market trends, growth factors, and opportunities

7.12.2. Market size and forecast

7.13. OTHERS

7.13.1. Key market trends, growth factors, and opportunities

7.13.2. Market size and forecast

CHAPTER 8 GLOBAL CARBON FIBER MARKET, BY REGION

8.1. INTRODUCTION

Carbon Fiber Market by Raw Material (PAN-based carbon fiber, Pitch-based & Rayon-based carbon fiber), Type (Co...

8.1.1. Market size and forecast

8.2. NORTH AMERICA

8.2.1. Key market trends, growth factors, and opportunities

8.2.2. Market size and forecast

8.2.2.1. By raw material

8.2.2.2. By type

8.2.2.3. By form

8.2.2.4. By end-use industry

8.2.2.5. By country

8.2.3. U.S.

8.2.3.1. Market size and forecast, by type

8.2.4. Canada

8.2.4.1. Market size and forecast, by type

8.2.5. Mexico

8.2.5.1. Market size and forecast, by type

8.3. EUROPE

8.3.1. Key market trends, growth factors, and opportunities

8.3.2. Market size and forecast

8.3.2.1. By raw material

8.3.2.2. By type

8.3.2.3. By form

8.3.2.4. By end-use industry

8.3.2.5. By country

8.3.3. Germany

8.3.3.1. Market size and forecast, by type

8.3.4. France

8.3.4.1. Market size and forecast, by type

8.3.5. UK

8.3.5.1. Market size and forecast, by type

8.3.6. Italy

8.3.6.1. Market size and forecast, by type

8.3.7. SPAIN

8.3.7.1. Market size and forecast, by type

8.3.8. Rest of Europe

8.3.8.1. Market size and forecast, by type

8.4. ASIA-PACIFIC

8.4.1. Key market trends, growth factors, and opportunities

8.4.2. Market size and forecast

8.4.2.1. By raw material

- 8.4.2.2. By type
- 8.4.2.3. By form
- 8.4.2.4. By end-use industry
- 8.4.2.5. By country
- 8.4.3. China
 - 8.4.3.1. Market size and forecast, by type
- 8.4.4. India
 - 8.4.4.1. Market size and forecast, by type
- 8.4.5. Japan
 - 8.4.5.1. Market size and forecast, by type
- 8.4.6. Korea
 - 8.4.6.1. Market size and forecast, by type
- 8.4.7. Rest of Asia-Pacific
 - 8.4.7.1. Market size and forecast, by type
- 8.5. LAMEA
 - 8.5.1. Key market trends, growth factors, and opportunities
 - 8.5.2. Market size and forecast
 - 8.5.2.1. By raw material
 - 8.5.2.2. By type
 - 8.5.2.3. By form
 - 8.5.2.4. By end-use industry
 - 8.5.2.5. By country
 - 8.5.3. Brazil
 - 8.5.3.1. Market size and forecast, by type
 - 8.5.4. Argentina
 - 8.5.4.1. Market size and forecast, by type
 - 8.5.5. UAE
 - 8.5.5.1. Market size and forecast, by type
 - 8.5.6. Saudi Arabia
 - 8.5.6.1. Market size and forecast, by type
 - 8.5.7. Rest of LAMEA
 - 8.5.7.1. Market size and forecast, by type

CHAPTER 9 COMPANY PROFILES

- 9.1. DOWAKSA ADVANCED COMPOSITES HOLDING B.V.
 - 9.1.1. Company overview
 - 9.1.2. Company snapshot
 - 9.1.3. Operating business segments

- 9.1.4. Product portfolio
- 9.1.5. Key strategic moves and developments

9.2. HEXCEL CORPORATION

- 9.2.1. Company overview
- 9.2.2. Company snapshot
- 9.2.3. Operating business segments
- 9.2.4. Product portfolio
- 9.2.5. Business performance
- 9.2.6. Key strategic moves and developments

9.3. HYOSUNG CORPORATION

- 9.3.1. Company overview
- 9.3.2. Company snapshot
- 9.3.3. Operating business segments
- 9.3.4. Product portfolio
- 9.3.5. Business performance
- 9.3.6. Key strategic moves and developments

9.4. MITSUBISHI CHEMICAL HOLDINGS CORPORATION

- 9.4.1. Company overview
- 9.4.2. Company snapshot
- 9.4.3. Operating business segments
- 9.4.4. Product portfolio
- 9.4.5. Business performance
- 9.4.6. Key strategic moves and developments

9.5. NIPPON STEEL & SUMITOMO METAL CORPORATION

- 9.5.1. Company overview
- 9.5.2. Company snapshot
- 9.5.3. Operating business segments
- 9.5.4. Product portfolio
- 9.5.5. Business performance

9.6. OJSC SVETLOGORSKKHIMVOLOKNO

- 9.6.1. Company overview
- 9.6.2. Company snapshot
- 9.6.3. Operating business segments
- 9.6.4. Product portfolio

9.7. SGL CARBON SE

- 9.7.1. Company overview
- 9.7.2. Company snapshot
- 9.7.3. Operating business segments
- 9.7.4. Product portfolio

9.7.5. Business performance

9.7.6. Key strategic moves and developments

9.8. TEIJIN LIMITED

9.8.1. Company overview

9.8.2. Company snapshot

9.8.3. Operating business segments

9.8.4. Product portfolio

9.8.5. Business performance

9.8.6. Key strategic moves and developments

9.9. TORAY INDUSTRIES INC.

9.9.1. Company overview

9.9.2. Company snapshot

9.9.3. Operating business segments

9.9.4. Product portfolio

9.9.5. Business performance

9.9.6. Key strategic moves and developments

9.10. SOLVAY SA

9.10.1. Company overview

9.10.2. Company snapshot

9.10.3. Operating business segments

9.10.4. Product portfolio

9.10.5. Business performance

9.10.6. Key strategic moves and developments

List Of Tables

LIST OF TABLES

TABLE 1. PRODUCT BENCH MARKING

TABLE 2. GLOBAL CARBON FIBER MARKET VALUE, BY RAW MATERIAL, 2017-2025 (\$MILLION)

TABLE 3. GLOBAL CARBON FIBER MARKET VOLUME, BY RAW MATERIAL, 2017-2025 (TON)

TABLE 4. PAN-BASED CARBON FIBER MARKET VALUE, BY REGION, 2017-2025 (\$MILLION)

TABLE 5. PAN-BASED CARBON FIBER MARKET VOLUME, BY REGION, 2017-2025 (TON)

TABLE 6. PITCH-BASED CARBON FIBER & RAYON-BASED CARBON FIBER MARKET VALUE, BY REGION, 2017-2025 (\$MILLION)

TABLE 7. PITCH-BASED CARBON FIBER & RAYON-BASED CARBON FIBER MARKET VOLUME, BY REGION, 2017-2025 (TON)

TABLE 8. GLOBAL CARBON FIBER MARKET VALUE, BY TYPE, 2017-2025 (\$MILLION)

TABLE 9. GLOBAL CARBON FIBER MARKET VOLUME, BY TYPE, 2017-2025 (TON)

TABLE 10. CONTINUOUS CARBON FIBER MARKET VALUE, BY REGION, 2017-2025 (\$MILLION)

TABLE 11. CONTINUOUS CARBON FIBER MARKET VOLUME, BY REGION, 2017-2025 (TON)

TABLE 12. LONG CARBON FIBER MARKET VALUE, BY REGION, 2017-2025 (\$MILLION)

TABLE 13. LONG CARBON FIBER MARKET VOLUME, BY REGION, 2017-2025 (TON)

TABLE 14. SHORT CARBON FIBER MARKET VALUE, BY REGION, 2017-2025 (\$MILLION)

TABLE 15. SHORT CARBON FIBER MARKET VOLUME, BY REGION, 2017-2025 (TON)

TABLE 16. GLOBAL CARBON FIBER MARKET VALUE, BY FORM, 2017-2025 (\$MILLION)

TABLE 17. GLOBAL CARBON FIBER MARKET VOLUME, BY FORM, 2017-2025 (TON)

TABLE 18. COMPOSITE CARBON FIBER MARKET VALUE, BY REGION, 2017-2025 (\$MILLION)

TABLE 19. COMPOSITE CARBON FIBER MARKET VOLUME, BY REGION,

2017-2025 (TON)

TABLE 20. NON-COMPOSITE CARBON FIBER MARKET VALUE, BY REGION,
2017-2025 (\$MILLION)

TABLE 21. NON-COMPOSITE CARBON FIBER MARKET VOLUME, BY REGION,
2017-2025 (TON)

TABLE 22. GLOBAL CARBON FIBER MARKET VALUE, BY END-USE INDUSTRY,
2017-2025 (\$MILLION)

TABLE 23. GLOBAL CARBON FIBER MARKET VOLUME, BY END-USE INDUSTRY,
2017-2025 (TON)

TABLE 24. CARBON FIBER MARKET VALUE FOR AEROSPACE & DEFENSE
INDUSTRY, BY REGION, 2017-2025 (\$MILLION)

TABLE 25. CARBON FIBER MARKET VOLUME FOR AEROSPACE & DEFENSE
INDUSTRY, BY REGION, 2017-2025 (TON)

TABLE 26. CARBON FIBER MARKET VALUE FOR SPORTS/LEISURE INDUSTRY,
BY REGION, 2017-2025 (\$MILLION)

TABLE 27. CARBON FIBER MARKET VOLUME FOR SPORTS/LEISURE INDUSTRY,
BY REGION, 2017-2025 (TON)

TABLE 28. CARBON FIBER MARKET VALUE FOR WIND TURBINES INDUSTRY, BY
REGION, 2017-2025 (\$MILLION)

TABLE 29. CARBON FIBER MARKET VOLUME FOR WIND TURBINES INDUSTRY,
BY REGION, 2017-2025 (TON)

TABLE 30. CARBON FIBER MARKET VALUE FOR MOLDING & COMPOUNDS
INDUSTRY, BY REGION, 2017-2025 (\$MILLION)

TABLE 31. CARBON FIBER MARKET VOLUME FOR MOLDING & COMPOUNDS
INDUSTRY, BY REGION, 2017-2025 (TON)

TABLE 32. CARBON FIBER MARKET VALUE FOR AUTOMOTIVE INDUSTRY, BY
REGION, 2017-2025 (\$MILLION)

TABLE 33. CARBON FIBER MARKET VOLUME FOR AUTOMOTIVE INDUSTRY, BY
REGION, 2017-2025 (TON)

TABLE 34. CARBON FIBER MARKET VALUE FOR PRESSURE VESSELS
INDUSTRY, BY REGION, 2017-2025 (\$MILLION)

TABLE 35. CARBON FIBER MARKET VOLUME FOR PRESSURE VESSELS
INDUSTRY, BY REGION, 2017-2025 (TON)

TABLE 36. CARBON FIBER MARKET VALUE FOR CIVIL ENGINEERING INDUSTRY,
BY REGION, 2017-2025 (\$MILLION)

TABLE 37. CARBON FIBER MARKET VOLUME FOR CIVIL ENGINEERING
INDUSTRY, BY REGION, 2017-2025 (TON)

TABLE 38. CARBON FIBER MARKET VALUE FOR MARINE INDUSTRY, BY REGION,
2017-2025 (\$MILLION)

TABLE 39. CARBON FIBER MARKET VOLUME FOR MARINE INDUSTRY, BY REGION, 2017-2025 (TON)

TABLE 40. CARBON FIBER MARKET VALUE FOR PULTRUSION MISC. INDUSTRY, BY REGION, 2017-2025 (\$MILLION)

TABLE 41. CARBON FIBER MARKET VOLUME FOR PULTRUSION MISC. INDUSTRY, BY REGION, 2017-2025 (TON)

TABLE 42. CARBON FIBER MARKET VALUE FOR MISC. CONSUMER INDUSTRY, BY REGION, 2017-2025 (\$MILLION)

TABLE 43. CARBON FIBER MARKET VOLUME FOR MISC. CONSUMER INDUSTRY, BY REGION, 2017-2025 (TON)

TABLE 44. CARBON FIBER MARKET VALUE FOR SAILING/YACHT BUILDING INDUSTRY, BY REGION, 2017-2025 (\$MILLION)

TABLE 45. CARBON FIBER MARKET VOLUME FOR SAILING/YACHT BUILDING INDUSTRY, BY REGION, 2017-2025 (TON)

TABLE 46. CARBON FIBER MARKET VALUE FOR OTHER INDUSTRIES, BY REGION, 2017-2025 (\$MILLION)

TABLE 47. CARBON FIBER MARKET VOLUME FOR OTHER INDUSTRIES, BY REGION, 2017-2025 (TON)

TABLE 48. GLOBAL CARBON FIBER MARKET VALUE, BY REGION, 2017-2025 (\$MILLION)

TABLE 49. GLOBAL CARBON FIBER MARKET VOLUME, BY REGION, 2017-2025 (TON)

TABLE 50. NORTH AMERICA CARBON FIBER MARKET VALUE, BY RAW MATERIAL, 2017-2025 (\$MILLION)

TABLE 51. NORTH AMERICA CARBON FIBER MARKET VOLUME, BY RAW MATERIAL, 2017-2025 (TON)

TABLE 52. NORTH AMERICA CARBON FIBER MARKET VALUE, BY TYPE, 2017-2025 (\$MILLION)

TABLE 53. NORTH AMERICA CARBON FIBER MARKET VOLUME, BY TYPE, 2017-2025 (TON)

TABLE 54. NORTH AMERICA CARBON FIBER MARKET VALUE, BY FORM, 2017-2025 (\$MILLION)

TABLE 55. NORTH AMERICA CARBON FIBER MARKET VOLUME, BY FORM, 2017-2025 (TON)

TABLE 56. NORTH AMERICA CARBON FIBER MARKET VALUE, BY END-USE INDUSTRY, 2017-2025 (\$MILLION)

TABLE 57. NORTH AMERICA CARBON FIBER MARKET VOLUME, BY END-USE INDUSTRY, 2017-2025 (TON)

TABLE 58. NORTH AMERICA CARBON FIBER MARKET VALUE, BY COUNTRY,

2017-2025 (\$MILLION)

TABLE 59. NORTH AMERICA CARBON FIBER MARKET VOLUME, BY COUNTRY, 2017-2025 (TON)

TABLE 60. U.S. CARBON FIBER MARKET VALUE, BY TYPE, 2017-2025 (\$MILLION)

TABLE 61. U.S. CARBON FIBER MARKET VOLUME, BY TYPE, 2017-2025 (TON)

TABLE 62. CANADA CARBON FIBER MARKET VALUE, BY TYPE, 2017-2025 (\$MILLION)

TABLE 63. CANADA CARBON FIBER MARKET VOLUME, BY TYPE, 2017-2025 (TON)

TABLE 64. MEXICO CARBON FIBER MARKET VALUE, BY TYPE, 2017-2025 (\$MILLION)

TABLE 65. MEXICO CARBON FIBER MARKET VOLUME, BY TYPE, 2017-2025 (TON)

TABLE 66. EUROPE CARBON FIBER MARKET VALUE, BY RAW MATERIAL, 2017-2025 (\$MILLION)

TABLE 67. EUROPE CARBON FIBER MARKET VOLUME, BY RAW MATERIAL, 2017-2025 (TON)

TABLE 68. EUROPE CARBON FIBER MARKET VALUE, BY TYPE, 2017-2025 (\$MILLION)

TABLE 69. EUROPE CARBON FIBER MARKET VOLUME, BY TYPE, 2017-2025 (TON)

TABLE 70. EUROPE CARBON FIBER MARKET VALUE, BY FORM, 2017-2025 (\$MILLION)

TABLE 71. EUROPE CARBON FIBER MARKET VOLUME, BY FORM, 2017-2025 (TON)

TABLE 72. EUROPE CARBON FIBER MARKET VALUE, BY END-USE INDUSTRY, 2017-2025 (\$MILLION)

TABLE 73. EUROPE CARBON FIBER MARKET VOLUME, BY END-USE INDUSTRY, 2017-2025 (TON)

TABLE 74. EUROPE CARBON FIBER MARKET VALUE, BY COUNTRY, 2017-2025 (\$MILLION)

TABLE 75. EUROPE CARBON FIBER MARKET VOLUME, BY COUNTRY, 2017-2025 (TON)

TABLE 76. GERMANY CARBON FIBER MARKET VALUE, BY TYPE, 2017-2025 (\$MILLION)

TABLE 77. GERMANY CARBON FIBER MARKET VOLUME, BY TYPE, 2017-2025 (TON)

TABLE 78. FRANCE CARBON FIBER MARKET VALUE, BY TYPE, 2017-2025 (\$MILLION)

TABLE 79. FRANCE CARBON FIBER MARKET VOLUME, BY TYPE, 2017-2025

(TON)

TABLE 80. UK CARBON FIBER MARKET VALUE, BY TYPE, 2017-2025 (\$MILLION)

TABLE 81. UK CARBON FIBER MARKET VOLUME, BY TYPE, 2017-2025 (TON)

TABLE 82. ITALY CARBON FIBER MARKET VALUE, BY TYPE, 2017-2025

(\$MILLION)

TABLE 83. ITALY CARBON FIBER MARKET VOLUME, BY TYPE, 2017-2025 (TON)

TABLE 84. SPAIN CARBON FIBER MARKET VALUE, BY TYPE, 2017-2025

(\$MILLION)

TABLE 85. SPAIN CARBON FIBER MARKET VOLUME, BY TYPE, 2017-2025 (TON)

TABLE 86. REST OF EUROPE CARBON FIBER MARKET VALUE, BY TYPE,
2017-2025 (\$MILLION)

TABLE 87. REST OF EUROPE CARBON FIBER MARKET VOLUME, BY TYPE,
2017-2025 (TON)

TABLE 88. ASIA-PACIFIC CARBON FIBER MARKET VALUE, BY RAW MATERIAL,
2017-2025 (\$MILLION)

TABLE 89. ASIA-PACIFIC CARBON FIBER MARKET VOLUME, BY RAW MATERIAL,
2017-2025 (TON)

TABLE 90. ASIA-PACIFIC CARBON FIBER MARKET VALUE, BY TYPE, 2017-2025
(\$MILLION)

TABLE 91. ASIA-PACIFIC CARBON FIBER MARKET VOLUME, BY TYPE, 2017-2025
(TON)

TABLE 92. ASIA-PACIFIC CARBON FIBER MARKET VALUE, BY FORM, 2017-2025
(\$MILLION)

TABLE 93. ASIA-PACIFIC CARBON FIBER MARKET VOLUME, BY FORM, 2017-2025
(TON)

TABLE 94. ASIA-PACIFIC CARBON FIBER MARKET VALUE, BY END-USE
INDUSTRY, 2017-2025 (\$MILLION)

TABLE 95. ASIA-PACIFIC CARBON FIBER MARKET VOLUME, BY END-USE
INDUSTRY, 2017-2025 (TON)

TABLE 96. ASIA-PACIFIC CARBON FIBER MARKET VALUE, BY COUNTRY,
2017-2025 (\$MILLION)

TABLE 97. ASIA-PACIFIC CARBON FIBER MARKET VOLUME, BY COUNTRY,
2017-2025 (TON)

TABLE 98. CHINA CARBON FIBER MARKET VALUE, BY TYPE, 2017-2025
(\$MILLION)

TABLE 99. CHINA CARBON FIBER MARKET VOLUME, BY TYPE, 2017-2025 (TON)

TABLE 100. INDIA CARBON FIBER MARKET VALUE, BY TYPE, 2017-2025
(\$MILLION)

TABLE 101. INDIA CARBON FIBER MARKET VOLUME, BY TYPE, 2017-2025 (TON)

TABLE 102. JAPAN CARBON FIBER MARKET VALUE, BY TYPE, 2017-2025
(\$MILLION)

TABLE 103. JAPAN CARBON FIBER MARKET VOLUME, BY TYPE, 2017-2025 (TON)

TABLE 104. KOREA CARBON FIBER MARKET VALUE, BY TYPE, 2017-2025
(\$MILLION)

TABLE 105. KOREA CARBON FIBER MARKET VOLUME, BY TYPE, 2017-2025
(TON)

TABLE 106. REST OF ASIA-PACIFIC CARBON FIBER MARKET VALUE, BY TYPE,
2017-2025 (\$MILLION)

TABLE 107. REST OF ASIA-PACIFIC CARBON FIBER MARKET VOLUME, BY TYPE,
2017-2025 (TON)

TABLE 108. LAMEA CARBON FIBER MARKET VALUE, BY RAW MATERIAL,
2017-2025 (\$MILLION)

TABLE 109. LAMEA CARBON FIBER MARKET VOLUME, BY RAW MATERIAL,
2017-2025 (TON)

TABLE 110. LAMEA CARBON FIBER MARKET VALUE, BY TYPE, 2017-2025
(\$MILLION)

TABLE 111. LAMEA CARBON FIBER MARKET VOLUME, BY TYPE, 2017-2025 (TON)

TABLE 112. LAMEA CARBON FIBER MARKET VALUE, BY FORM, 2017-2025
(\$MILLION)

TABLE 113. LAMEA CARBON FIBER MARKET VOLUME, BY FORM, 2017-2025
(TON)

TABLE 114. LAMEA CARBON FIBER MARKET VALUE, BY END-USE INDUSTRY,
2017-2025 (\$MILLION)

TABLE 115. LAMEA CARBON FIBER MARKET VOLUME, BY END-USE INDUSTRY,
2017-2025 (TON)

TABLE 116. LAMEA CARBON FIBER MARKET VALUE, BY COUNTRY, 2017-2025
(\$MILLION)

TABLE 117. LAMEA CARBON FIBER MARKET VOLUME, BY COUNTRY, 2017-2025
(TON)

TABLE 118. BRAZIL CARBON FIBER MARKET VALUE, BY TYPE, 2017-2025
(\$MILLION)

TABLE 119. BRAZIL CARBON FIBER MARKET VOLUME, BY TYPE, 2017-2025
(TON)

TABLE 120. ARGENTINA CARBON FIBER MARKET VALUE, BY TYPE, 2017-2025
(\$MILLION)

TABLE 121. ARGENTINA CARBON FIBER MARKET VOLUME, BY TYPE, 2017-2025
(TON)

TABLE 122. UAE CARBON FIBER MARKET VALUE, BY TYPE, 2017-2025

(\$MILLION)

TABLE 123. UAE CARBON FIBER MARKET VOLUME, BY TYPE, 2017-2025 (TON)

TABLE 124. SAUDI ARABIA CARBON FIBER MARKET VALUE, BY TYPE, 2017-2025
(\$MILLION)TABLE 125. SAUDI ARABIA CARBON FIBER MARKET VOLUME, BY TYPE,
2017-2025 (TON)TABLE 126. REST OF LAMEA CARBON FIBER MARKET VALUE, BY TYPE,
2017-2025 (\$MILLION)TABLE 127. REST OF LAMEA CARBON FIBER MARKET VOLUME, BY TYPE,
2017-2025 (TON)

TABLE 128. DOWAKSA: COMPANY SNAPSHOT

TABLE 129. DOWAKSA: OPERATING SEGMENTS

TABLE 130. DOWAKSA: PRODUCT PORTFOLIO

TABLE 131. HEXCEL: COMPANY SNAPSHOT

TABLE 132. HEXCEL: OPERATING SEGMENTS

TABLE 133. HEXCEL: PRODUCT PORTFOLIO

TABLE 134. HYOSUNG: COMPANY SNAPSHOT

TABLE 135. HYOSUNG: OPERATING SEGMENTS

TABLE 136. HYOSUNG: PRODUCT PORTFOLIO

TABLE 137. MITSUBISHI CHEMICAL: COMPANY SNAPSHOT

TABLE 138. MITSUBISHI CHEMICAL: OPERATING SEGMENTS

TABLE 139. MITSUBISHI CHEMICAL: PRODUCT PORTFOLIO

TABLE 140. NSSMC: COMPANY SNAPSHOT

TABLE 141. NSSMC: OPERATING SEGMENTS

TABLE 142. NSSMC: PRODUCT PORTFOLIO

TABLE 143. OJSC SVETLOGORSKKHIMVOLOKNO: COMPANY SNAPSHOT

TABLE 144. OJSC SVETLOGORSKKHIMVOLOKNO: PRODUCT PORTFOLIO

TABLE 145. SGL GROUP: COMPANY SNAPSHOT

TABLE 146. SGL GROUP: OPERATING SEGMENTS

TABLE 147. SGL GROUP: PRODUCT PORTFOLIO

TABLE 148. TEIJIN: COMPANY SNAPSHOT

TABLE 149. TEIJIN: OPERATING SEGMENTS

TABLE 150. TEIJIN: PRODUCT PORTFOLIO

TABLE 151. TORAY: COMPANY SNAPSHOT

TABLE 152. TORAY: OPERATING SEGMENTS

TABLE 153. TORAY: PRODUCT PORTFOLIO

TABLE 154. SOLVAY: COMPANY SNAPSHOT

TABLE 155. SOLVAY: OPERATING SEGMENTS

TABLE 156. SOLVAY: PRODUCT PORTFOLIO

List Of Figures

LIST OF FIGURES

FIGURE 1. GLOBAL CARBON FIBER MARKET SEGMENTATION

FIGURE 2. TOP INVESTMENT POCKET, BY END-USE INDUSTRY

FIGURE 3. BARGAINING POWER OF BUYERS

FIGURE 4. BARGAINING POWER OF SUPPLIERS

FIGURE 5. THREAT OF SUBSTITUTION

FIGURE 6. THREAT OF NEW ENTRANT

FIGURE 7. COMPETITIVE RIVALRY

FIGURE 8. PATENTS REGISTERED, BY TYPE, 2010-2016 (%)

FIGURE 9. PATENTS REGISTERED, BY RAW MATERIAL, 2010-2016 (%)

FIGURE 10. PATENTS REGISTERED, BY FORM, 2010-2016 (%)

FIGURE 11. PATENTS REGISTERED, BY END-USE INDUSTRY, 2010-2016 (%)

FIGURE 12. PATENTS REGISTERED, BY REGION, 2010-2016 (%)

FIGURE 13. GLOBAL CARBON FIBER MARKET, BY RAW MATERIAL, 2017 (%)

FIGURE 14. GLOBAL CARBON FIBER MARKET, BY TYPE, 2017 (%)

FIGURE 15. GLOBAL CARBON FIBER MARKET, BY FORM, 2017 (%)

FIGURE 16. GLOBAL CARBON FIBER MARKET, BY END-USE INDUSTRY, 2015 (%)

FIGURE 17. CARBON FIBER MARKET, BY REGION, 2017 (%)

FIGURE 18. U.S. CARBON FIBER MARKET VALUE, 2017-2025 (\$MILLION)

FIGURE 19. CANADA CARBON FIBER MARKET VALUE, 2017-2025 (\$MILLION)

FIGURE 20. MEXICO CARBON FIBER MARKET VALUE, 2017-2025 (\$MILLION)

FIGURE 21. EUROPE WIND TURBINE INSTALLED CAPACITY, 2013-2015 (MW)

FIGURE 22. GERMANY CARBON FIBER MARKET VALUE, 2017-2025 (\$MILLION)

FIGURE 23. FRANCE CARBON FIBER MARKET VALUE, 2017-2025 (\$MILLION)

FIGURE 24. UK CARBON FIBER MARKET VALUE, 2017-2025 (\$MILLION)

FIGURE 25. ITALY CARBON FIBER MARKET VALUE, 2017-2025 (\$MILLION)

FIGURE 26. SPAIN CARBON FIBER MARKET VALUE, 2017-2025 (\$MILLION)

FIGURE 27. REST OF EUROPE CARBON FIBER MARKET VALUE, 2017-2025 (\$MILLION)

FIGURE 28. CHINA, INDIA, AND JAPAN WIND INSTALLED CAPACITY, 2013-2015 (MW)

FIGURE 29. CHINA CARBON FIBER MARKET VALUE, 2017-2025 (\$MILLION)

FIGURE 30. INDIA CARBON FIBER MARKET VALUE, 2017-2025 (\$MILLION)

FIGURE 31. JAPAN CARBON FIBER MARKET VALUE, 2017-2025 (\$MILLION)

FIGURE 32. KOREA CARBON FIBER MARKET VALUE, 2017-2025 (\$MILLION)

FIGURE 33. REST OF ASIA-PACIFIC CARBON FIBER MARKET VALUE, 2017-2025

(\$MILLION)

FIGURE 34. BRAZIL CARBON FIBER MARKET VALUE, 2017-2025 (\$MILLION)

FIGURE 35. ARGENTINA CARBON FIBER MARKET VALUE, 2017-2025 (\$MILLION)

FIGURE 36. UAE CARBON FIBER MARKET VALUE, 2017-2025 (\$MILLION)

FIGURE 37. SAUDI ARABIA CARBON FIBER MARKET VALUE, 2017-2025
(\$MILLION)

FIGURE 38. REST OF LAMEA CARBON FIBER MARKET VALUE, 2017-2025
(\$MILLION)

FIGURE 39. HEXCEL: NET SALES, 2015-2017 (\$MILLION)

FIGURE 40. HEXCEL: REVENUE SHARE BY SEGMENT, 2017 (%)

FIGURE 41. HEXCEL: REVENUE SHARE BY GEOGRAPHY, 2017 (%)

FIGURE 42. HYOSUNG: NET SALES, 2014-2016 (\$MILLION)

FIGURE 43. MITSUBISHI CHEMICAL: NET SALES, 2015-2017 (\$MILLION)

FIGURE 44. MITSUBISHI CHEMICAL: REVENUE SHARE BY SEGMENT, 2017 (%)

FIGURE 45. MITSUBISHI CHEMICAL: REVENUE SHARE BY GEOGRAPHY, 2017 (%)

FIGURE 46. NSSMC: NET SALES, 2015-2017 (\$MILLION)

FIGURE 47. NSSMC: REVENUE SHARE BY SEGMENT, 2017 (%)

FIGURE 48. NSSMC: REVENUE SHARE BY GEOGRAPHY, 2017 (%)

FIGURE 49. SGL GROUP: NET SALES, 2015-2017 (\$MILLION)

FIGURE 50. SGL GROUP: REVENUE SHARE BY SEGMENT, 2017 (%)

FIGURE 51. SGL GROUP: REVENUE SHARE BY GEOGRAPHY, 2017 (%)

FIGURE 52. TEIJIN: NET SALES, 2015-2017 (\$MILLION)

FIGURE 53. TEIJIN: REVENUE SHARE BY SEGMENT, 2017 (%)

FIGURE 54. TEIJIN: REVENUE SHARE BY GEOGRAPHY, 2017 (%)

FIGURE 55. TORAY: NET SALES, 2015-2017 (\$MILLION)

FIGURE 56. TORAY: REVENUE SHARE BY SEGMENT, 2017 (%)

FIGURE 57. TORAY: REVENUE SHARE BY GEOGRAPHY, 2017 (%)

FIGURE 58. SOLVAY: NET SALES, 2015-2017 (\$MILLION)

FIGURE 59. SOLVAY: REVENUE SHARE BY SEGMENT, 2017 (%)

FIGURE 60. SOLVAY: REVENUE SHARE BY GEOGRAPHY, 2017 (%)

I would like to order

Product name: Carbon Fiber Market by Raw Material (PAN-based carbon fiber, Pitch-based & Rayon-based carbon fiber), Type (Continuous, Long, and Short), Form (Composite and Non-composite) and End-Use Industry (Aerospace & Defense, Sports/Leisure, Wind Turbines, Molding & Compounds, Automotive, Pressure Vessels, Civil Engineering, Marine, Pultrusion Misc., Misc. Consumer, Sailing/Yacht Building, and Others) - Global Opportunity Analysis and Industry Forecast, 2018-2025

Product link: <https://marketpublishers.com/r/CAED52BF7E5EN.html>

Price: US\$ 5,370.00 (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/CAED52BF7E5EN.html>

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**

Customer signature _____

Please, note that by ordering from marketpublishers.com you are agreeing to our Terms

& Conditions at <https://marketpublishers.com/docs/terms.html>

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