

Global Automotive Carbon Fiber Market Size study, by Production Type (Hand Layup, Resin Transfer Molding, Vacuum Infusion Processing, Injection Molding, Compression Molding), by Application (Structural Assembly, Powertrain Components, Interiors, Exteriors, Others) and Regional Forecasts 2020-2027

<https://marketpublishers.com/r/G615239108DEEN.html>

Date: December 2020

Pages: 200

Price: US\$ 4,950.00 (Single User License)

ID: G615239108DEEN

Abstracts

Global Automotive Carbon Fiber Market is valued at approximately USD 1.19 billion in 2019 and is anticipated to grow with a healthy growth rate of more than 6.7% over the forecast period 2020-2027. The recent technological developments in automotive industry has enabled the automotive manufacturers to utilize green materials or technologies that helps reduce the carbon emission level and improve the overall vehicle efficiency, thereby accelerating the demand for carbon fiber among automobile manufacturers. Further, the automotive industry mainly uses carbon fibers in high-strength lightweight components in automotive applications, as they are primarily consumed in interior and exterior parts like vents, door pillars and gas caps. Also, carbon fiber has been replacing metals in automobiles where being lightweight is necessary for fuel efficiency, therefore, automobile manufacturers has witnessed a good traction for utilizing carbon fiber in various automotive applications. Therefore, this factor may strengthen the demand for automotive carbon fiber across the globe. Moreover, growing demand for lightweight vehicle, along with introduction of fuel standards by government to improve vehicle efficiency are the few factors responsible for the CAGR of the market during the forecast period. According to the survey of European Commission, it is estimated that emission regulations mandate a mere 95Kg/Km by 2021 with another 15% reduction by 2025, and in 2030 it is expected to further see a 30% reduction from 2021. Likewise, as per the Carbon Brief Organization, the Indian

Government is promising to cut the intensity of its carbon emission by 33-35% by 2030. This, in turn, is likely to strengthen the demand for automotive carbon fiber, thereby contributing to the market growth around the world. However, the high cost of manufacturing automotive composite materials is one of the prime the few factors restraining the market growth over the forecast period of 2020-2027.

The regional analysis of the global Automotive Carbon Fiber market is considered for the key regions such as Asia Pacific, North America, Europe, Latin America, and Rest of the World. Asia-Pacific is the leading/significant region across the world in terms of market share owing to the rising government support to utilize automotive carbon fiber material, along with the significant presence of market vendors in the region. Whereas Asia-Pacific is also anticipated to exhibit the highest growth rate / CAGR over the forecast period 2020-2027. Factors such as the rise in demand for lightweight vehicles coupled with stringent government norms concerning environment safety and emission in the developing nations, such as China and India, are the few factors creating a lucrative opportunity for the growth of the Automotive Carbon Fiber market in the Asia-Pacific region.

Major market player included in this report are:

Toray Industries, Inc.

Hexcel Corporation

Clearwater Composites, LLC

ACP Composites, Inc

SGL Carbon SE

Cytec Industries

HITCO Carbon Composites Inc

Mitsubishi Rayon Carbon Fiber And Composites, Inc.

Polar Manufacturing Limited

Rock West Composites

The objective of the study is to define market sizes of different segments & countries in recent years and to forecast the values to the coming eight years. The report is designed to incorporate both qualitative and quantitative aspects of the industry within each of the regions and countries involved in the study. Furthermore, the report also caters the detailed information about the crucial aspects such as driving factors & challenges which will define the future growth of the market. Additionally, the report shall also incorporate available opportunities in micro markets for stakeholders to invest along with the detailed analysis of competitive landscape and product offerings of key players. The detailed segments and sub-segment of the market are explained below:

By Production Type:

Hand Layup

Resin Transfer Molding

Vacuum Infusion Processing

Injection Molding

Compression Molding

By Application:

Structural Assembly

Powertrain Components

Interiors

Exteriors

Others

By Region:

North America

U.S.

Canada

Europe

UK

Germany

France

Spain

Italy

ROE

Asia Pacific

China

India

Japan

Australia

South Korea

RoAPAC

Latin America

Brazil

Mexico

Rest of the World

Furthermore, years considered for the study are as follows:

Historical year – 2017, 2018

Base year – 2019

Forecast period – 2020 to 2027

Target Audience of the Global Automotive Carbon Fiber Market in Market Study:

Key Consulting Companies & Advisors

Large, medium-sized, and small enterprises

Venture capitalists

Value-Added Resellers (VARs)

Third-party knowledge providers

Investment bankers

Investors

Contents

CHAPTER 1. EXECUTIVE SUMMARY

- 1.1. Market Snapshot
- 1.2. Global & Segmental Market Estimates & Forecasts, 2018-2027 (USD Billion)
 - 1.2.1. Automotive Carbon Fiber Market, by Region, 2018-2027 (USD Billion)
 - 1.2.2. Automotive Carbon Fiber Market, by Production Type, 2018-2027 (USD Billion)
 - 1.2.3. Automotive Carbon Fiber Market, by Application, 2018-2027 (USD Billion)
- 1.3. Key Trends
- 1.4. Estimation Methodology
- 1.5. Research Assumption

CHAPTER 2. GLOBAL AUTOMOTIVE CARBON FIBER MARKET DEFINITION AND SCOPE

- 2.1. Objective of the Study
- 2.2. Market Definition & Scope
 - 2.2.1. Scope of the Study
 - 2.2.2. Industry Evolution
- 2.3. Years Considered for the Study
- 2.4. Currency Conversion Rates

CHAPTER 3. GLOBAL AUTOMOTIVE CARBON FIBER MARKET DYNAMICS

- 3.1. Automotive Carbon Fiber Market Impact Analysis (2018-2027)
 - 3.1.1. Market Drivers
 - 3.1.2. Market Challenges
 - 3.1.3. Market Opportunities

CHAPTER 4. GLOBAL AUTOMOTIVE CARBON FIBER MARKET INDUSTRY ANALYSIS

- 4.1. Porter's 5 Force Model
 - 4.1.1. Bargaining Power of Suppliers
 - 4.1.2. Bargaining Power of Buyers
 - 4.1.3. Threat of New Entrants
 - 4.1.4. Threat of Substitutes
 - 4.1.5. Competitive Rivalry

- 4.1.6. Futuristic Approach to Porter's 5 Force Model (2017-2027)
- 4.2. PEST Analysis
 - 4.2.1. Political
 - 4.2.2. Economical
 - 4.2.3. Social
 - 4.2.4. Technological
- 4.3. Investment Adoption Model
- 4.4. Analyst Recommendation & Conclusion

CHAPTER 5. GLOBAL AUTOMOTIVE CARBON FIBER MARKET, BY PRODUCTION TYPE

- 5.1. Market Snapshot
- 5.2. Global Automotive Carbon Fiber Market by Production Type, Performance - Potential Analysis
- 5.3. Global Automotive Carbon Fiber Market Estimates & Forecasts by Production Type 2017-2027 (USD Billion)
- 5.4. Automotive Carbon Fiber Market, Sub Segment Analysis
 - 5.4.1. Hand Layup
 - 5.4.2. Resin Transfer Molding
 - 5.4.3. Vacuum Infusion Processing
 - 5.4.4. Injection Molding
 - 5.4.5. Compression Molding

CHAPTER 6. GLOBAL AUTOMOTIVE CARBON FIBER MARKET, BY APPLICATION

- 6.1. Market Snapshot
- 6.2. Global Automotive Carbon Fiber Market by Application, Performance - Potential Analysis
- 6.3. Global Automotive Carbon Fiber Market Estimates & Forecasts by Application 2017-2027 (USD Billion)
- 6.4. Automotive Carbon Fiber Market, Sub Segment Analysis
 - 6.4.1. Structural Assembly
 - 6.4.2. Powertrain Components
 - 6.4.3. Interiors
 - 6.4.4. Exteriors
 - 6.4.5. Others

CHAPTER 7. GLOBAL AUTOMOTIVE CARBON FIBER MARKET, REGIONAL

ANALYSIS

- 7.1. Automotive Carbon Fiber Market, Regional Market Snapshot
- 7.2. North America Automotive Carbon Fiber Market
 - 7.2.1. U.S. Automotive Carbon Fiber Market
 - 7.2.1.1. Production Type breakdown estimates & forecasts, 2017-2027
 - 7.2.1.2. Application breakdown estimates & forecasts, 2017-2027
 - 7.2.2. Canada Automotive Carbon Fiber Market
- 7.3. Europe Automotive Carbon Fiber Market Snapshot
 - 7.3.1. U.K. Automotive Carbon Fiber Market
 - 7.3.2. Germany Automotive Carbon Fiber Market
 - 7.3.3. France Automotive Carbon Fiber Market
 - 7.3.4. Spain Automotive Carbon Fiber Market
 - 7.3.5. Italy Automotive Carbon Fiber Market
 - 7.3.6. Rest of Europe Automotive Carbon Fiber Market
- 7.4. Asia-Pacific Automotive Carbon Fiber Market Snapshot
 - 7.4.1. China Automotive Carbon Fiber Market
 - 7.4.2. India Automotive Carbon Fiber Market
 - 7.4.3. Japan Automotive Carbon Fiber Market
 - 7.4.4. Australia Automotive Carbon Fiber Market
 - 7.4.5. South Korea Automotive Carbon Fiber Market
 - 7.4.6. Rest of Asia Pacific Automotive Carbon Fiber Market
- 7.5. Latin America Automotive Carbon Fiber Market Snapshot
 - 7.5.1. Brazil Automotive Carbon Fiber Market
 - 7.5.2. Mexico Automotive Carbon Fiber Market
- 7.6. Rest of The World Automotive Carbon Fiber Market

CHAPTER 8. COMPETITIVE INTELLIGENCE

- 8.1. Top Market Strategies
- 8.2. Company Profiles
 - 8.2.1. Toray Industries, Inc.
 - 8.2.1.1. Key Information
 - 8.2.1.2. Overview
 - 8.2.1.3. Financial (Subject to Data Availability)
 - 8.2.1.4. Product Summary
 - 8.2.1.5. Recent Developments
 - 8.2.2. Hexcel Corporation
 - 8.2.3. Clearwater Composites, LLC

- 8.2.4. ACP Composites, Inc
- 8.2.5. SGL Carbon SE
- 8.2.6. Cytec Industries
- 8.2.7. HITCO Carbon Composites Inc
- 8.2.8. Mitsubishi Rayon Carbon Fiber And Composites, Inc.
- 8.2.9. Polar Manufacturing Limited
- 8.2.10. Rock West Composites

CHAPTER 9. RESEARCH PROCESS

- 9.1. Research Process
 - 9.1.1. Data Mining
 - 9.1.2. Analysis
 - 9.1.3. Market Estimation
 - 9.1.4. Validation
 - 9.1.5. Publishing
- 9.2. Research Attributes
- 9.3. Research Assumption

List Of Tables

LIST OF TABLES

TABLE 1. Global Automotive Carbon Fiber market, report scope

TABLE 2. Global Automotive Carbon Fiber market estimates & forecasts by region
2017-2027 (USD Billion)

TABLE 3. Global Automotive Carbon Fiber market estimates & forecasts by Production
Type 2017-2027 (USD Billion)

TABLE 4. Global Automotive Carbon Fiber market estimates & forecasts by Application
2017-2027 (USD Billion)

TABLE 5. Global Automotive Carbon Fiber market by segment, estimates & forecasts,
2017-2027 (USD Billion)

TABLE 6. Global Automotive Carbon Fiber market by region, estimates & forecasts,
2017-2027 (USD Billion)

TABLE 7. Global Automotive Carbon Fiber market by segment, estimates & forecasts,
2017-2027 (USD Billion)

TABLE 8. Global Automotive Carbon Fiber market by region, estimates & forecasts,
2017-2027 (USD Billion)

TABLE 9. Global Automotive Carbon Fiber market by segment, estimates & forecasts,
2017-2027 (USD Billion)

TABLE 10. Global Automotive Carbon Fiber market by region, estimates & forecasts,
2017-2027 (USD Billion)

TABLE 11. Global Automotive Carbon Fiber market by segment, estimates & forecasts,
2017-2027 (USD Billion)

TABLE 12. Global Automotive Carbon Fiber market by region, estimates & forecasts,
2017-2027 (USD Billion)

TABLE 13. Global Automotive Carbon Fiber market by segment, estimates & forecasts,
2017-2027 (USD Billion)

TABLE 14. Global Automotive Carbon Fiber market by region, estimates & forecasts,
2017-2027 (USD Billion)

TABLE 15. Global Automotive Carbon Fiber market by segment, estimates & forecasts,
2017-2027 (USD Billion)

TABLE 16. Global Automotive Carbon Fiber market by region, estimates & forecasts,
2017-2027 (USD Billion)

TABLE 17. Global Automotive Carbon Fiber market by segment, estimates & forecasts,
2017-2027 (USD Billion)

TABLE 18. Global Automotive Carbon Fiber market by region, estimates & forecasts,
2017-2027 (USD Billion)

TABLE 19. Global Automotive Carbon Fiber market by segment, estimates & forecasts, 2017-2027 (USD Billion)

TABLE 20. Global Automotive Carbon Fiber market by region, estimates & forecasts, 2017-2027 (USD Billion)

TABLE 21. U.S. Automotive Carbon Fiber market estimates & forecasts, 2017-2027 (USD Billion)

TABLE 22. U.S. Automotive Carbon Fiber market estimates & forecasts by segment 2017-2027 (USD Billion)

TABLE 23. U.S. Automotive Carbon Fiber market estimates & forecasts by segment 2017-2027 (USD Billion)

TABLE 24. Canada Automotive Carbon Fiber market estimates & forecasts, 2017-2027 (USD Billion)

TABLE 25. Canada Automotive Carbon Fiber market estimates & forecasts by segment 2017-2027 (USD Billion)

TABLE 26. Canada Automotive Carbon Fiber market estimates & forecasts by segment 2017-2027 (USD Billion)

TABLE 27. UK Automotive Carbon Fiber market estimates & forecasts, 2017-2027 (USD Billion)

TABLE 28. UK Automotive Carbon Fiber market estimates & forecasts by segment 2017-2027 (USD Billion)

TABLE 29. UK Automotive Carbon Fiber market estimates & forecasts by segment 2017-2027 (USD Billion)

TABLE 30. Germany Automotive Carbon Fiber market estimates & forecasts, 2017-2027 (USD Billion)

TABLE 31. Germany Automotive Carbon Fiber market estimates & forecasts by segment 2017-2027 (USD Billion)

TABLE 32. Germany Automotive Carbon Fiber market estimates & forecasts by segment 2017-2027 (USD Billion)

TABLE 33. France Automotive Carbon Fiber market estimates & forecasts, 2017-2027 (USD Billion)

TABLE 34. France Automotive Carbon Fiber market estimates & forecasts by segment 2017-2027 (USD Billion)

TABLE 35. France Automotive Carbon Fiber market estimates & forecasts by segment 2017-2027 (USD Billion)

TABLE 36. Spain Automotive Carbon Fiber market estimates & forecasts, 2017-2027 (USD Billion)

TABLE 37. Spain Automotive Carbon Fiber market estimates & forecasts by segment 2017-2027 (USD Billion)

TABLE 38. Spain Automotive Carbon Fiber market estimates & forecasts by segment

2017-2027 (USD Billion)

TABLE 39. Italy Automotive Carbon Fiber market estimates & forecasts, 2017-2027 (USD Billion)

TABLE 40. Italy Automotive Carbon Fiber market estimates & forecasts by segment 2017-2027 (USD Billion)

TABLE 41. Italy Automotive Carbon Fiber market estimates & forecasts by segment 2017-2027 (USD Billion)

TABLE 42. ROE Automotive Carbon Fiber market estimates & forecasts, 2017-2027 (USD Billion)

TABLE 43. ROE Automotive Carbon Fiber market estimates & forecasts by segment 2017-2027 (USD Billion)

TABLE 44. ROE Automotive Carbon Fiber market estimates & forecasts by segment 2017-2027 (USD Billion)

TABLE 45. China Automotive Carbon Fiber market estimates & forecasts, 2017-2027 (USD Billion)

TABLE 46. China Automotive Carbon Fiber market estimates & forecasts by segment 2017-2027 (USD Billion)

TABLE 47. China Automotive Carbon Fiber market estimates & forecasts by segment 2017-2027 (USD Billion)

TABLE 48. India Automotive Carbon Fiber market estimates & forecasts, 2017-2027 (USD Billion)

TABLE 49. India Automotive Carbon Fiber market estimates & forecasts by segment 2017-2027 (USD Billion)

TABLE 50. India Automotive Carbon Fiber market estimates & forecasts by segment 2017-2027 (USD Billion)

TABLE 51. Japan Automotive Carbon Fiber market estimates & forecasts, 2017-2027 (USD Billion)

TABLE 52. Japan Automotive Carbon Fiber market estimates & forecasts by segment 2017-2027 (USD Billion)

TABLE 53. Japan Automotive Carbon Fiber market estimates & forecasts by segment 2017-2027 (USD Billion)

TABLE 54. Australia Automotive Carbon Fiber market estimates & forecasts, 2017-2027 (USD Billion)

TABLE 55. Australia Automotive Carbon Fiber market estimates & forecasts by segment 2017-2027 (USD Billion)

TABLE 56. Australia Automotive Carbon Fiber market estimates & forecasts by segment 2017-2027 (USD Billion)

TABLE 57. South Korea Automotive Carbon Fiber market estimates & forecasts, 2017-2027 (USD Billion)

TABLE 58. South Korea Automotive Carbon Fiber market estimates & forecasts by segment 2017-2027 (USD Billion)

TABLE 59. South Korea Automotive Carbon Fiber market estimates & forecasts by segment 2017-2027 (USD Billion)

TABLE 60. ROPAC Automotive Carbon Fiber market estimates & forecasts, 2017-2027 (USD Billion)

TABLE 61. ROPAC Automotive Carbon Fiber market estimates & forecasts by segment 2017-2027 (USD Billion)

TABLE 62. ROPAC Automotive Carbon Fiber market estimates & forecasts by segment 2017-2027 (USD Billion)

TABLE 63. Brazil Automotive Carbon Fiber market estimates & forecasts, 2017-2027 (USD Billion)

TABLE 64. Brazil Automotive Carbon Fiber market estimates & forecasts by segment 2017-2027 (USD Billion)

TABLE 65. Brazil Automotive Carbon Fiber market estimates & forecasts by segment 2017-2027 (USD Billion)

TABLE 66. Mexico Automotive Carbon Fiber market estimates & forecasts, 2017-2027 (USD Billion)

TABLE 67. Mexico Automotive Carbon Fiber market estimates & forecasts by segment 2017-2027 (USD Billion)

TABLE 68. Mexico Automotive Carbon Fiber market estimates & forecasts by segment 2017-2027 (USD Billion)

TABLE 69. ROLA Automotive Carbon Fiber market estimates & forecasts, 2017-2027 (USD Billion)

TABLE 70. ROLA Automotive Carbon Fiber market estimates & forecasts by segment 2017-2027 (USD Billion)

TABLE 71. ROLA Automotive Carbon Fiber market estimates & forecasts by segment 2017-2027 (USD Billion)

TABLE 72. ROW Automotive Carbon Fiber market estimates & forecasts, 2017-2027 (USD Billion)

TABLE 73. ROW Automotive Carbon Fiber market estimates & forecasts by segment 2017-2027 (USD Billion)

TABLE 74. ROW Automotive Carbon Fiber market estimates & forecasts by segment 2017-2027 (USD Billion)

TABLE 75. List of secondary sources, used in the study of global Automotive Carbon Fiber market

TABLE 76. List of primary sources, used in the study of global Automotive Carbon Fiber market

TABLE 77. Years considered for the study

TABLE 78. Exchange rates considered

List Of Figures

LIST OF FIGURES

- FIG 1. Global Automotive Carbon Fiber market, research methodology
- FIG 2. Global Automotive Carbon Fiber market, market estimation techniques
- FIG 3. Global market size estimates & forecast methods
- FIG 4. Global Automotive Carbon Fiber market, key trends 2019
- FIG 5. Global Automotive Carbon Fiber market, growth prospects 2020-2027
- FIG 6. Global Automotive Carbon Fiber market, porters 5 force model
- FIG 7. Global Automotive Carbon Fiber market, pest analysis
- FIG 8. Global Automotive Carbon Fiber market, value chain analysis
- FIG 9. Global Automotive Carbon Fiber market by segment, 2017 & 2027 (USD Billion)
- FIG 10. Global Automotive Carbon Fiber market by segment, 2017 & 2027 (USD Billion)
- FIG 11. Global Automotive Carbon Fiber market by segment, 2017 & 2027 (USD Billion)
- FIG 12. Global Automotive Carbon Fiber market by segment, 2017 & 2027 (USD Billion)
- FIG 13. Global Automotive Carbon Fiber market by segment, 2017 & 2027 (USD Billion)
- FIG 14. Global Automotive Carbon Fiber market by segment, 2017 & 2027 (USD Billion)
- FIG 15. Global Automotive Carbon Fiber market by segment, 2017 & 2027 (USD Billion)
- FIG 16. Global Automotive Carbon Fiber market by segment, 2017 & 2027 (USD Billion)
- FIG 17. Global Automotive Carbon Fiber market, regional snapshot 2017 & 2027
- FIG 18. North America Automotive Carbon Fiber market 2017 & 2027 (USD Billion)
- FIG 19. Europe Automotive Carbon Fiber market 2017 & 2027 (USD Billion)
- FIG 20. Asia-Pacific Automotive Carbon Fiber market 2017 & 2027 (USD Billion)
- FIG 21. Latin America Automotive Carbon Fiber market 2017 & 2027 (USD Billion)
- FIG 22. Global Automotive Carbon Fiber market, company market share analysis (2019)

I would like to order

Product name: Global Automotive Carbon Fiber Market Size study, by Production Type (Hand Layup, Resin Transfer Molding, Vacuum Infusion Processing, Injection Molding, Compression Molding), by Application (Structural Assembly, Powertrain Components, Interiors, Exteriors, Others) and Regional Forecasts 2020-2027

Product link: <https://marketpublishers.com/r/G615239108DEEN.html>

Price: US\$ 4,950.00 (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/G615239108DEEN.html>