

Global Recycled Carbon Fiber Market Size study, by Type (Chopped Recycled Carbon Fiber, Milled Recycled Carbon Fiber) by Source (Aerospace Scrap, Automotive Scrap and Others), by End-Use Industry (Automotive & Transportation, Consumer Goods, Sporting Goods, Industrial, Aerospace & Defense, and others) and Regional Forecasts 2022-2028

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Abstracts

Global Recycled Carbon Fiber Market is valued approximately USD 112.50 million in 2021 and is anticipated to grow with a healthy growth rate of more than 12.0% over the forecast period 2022-2028. Recycled carbon fibre is a cost-effective and environmentally beneficial alternative to virgin carbon fibre, which is commonly utilized in automobile and industrial applications. Carbon fibre scrap, both dry and pre-preg, is a typical source of recycled carbon fibre. The mechanical characteristics of recycled carbon fibres are identical to those of virgin carbon fibres. Thermoplastics, non-wovens, and moulding compounds are among their most popular applications. Government regulations regarding use of environment-friendly product, increasing demand from composites industry for high-performance and cost-efficient carbon fibers and safeguarding environment through waste reduction are some of the important factors driving the demand for recycled carbon fiber market. For Instance: the Paris Agreement (also known as the Paris Climate Accord) is a global agreement between the leaders of over 180 nations to cut greenhouse gas emissions and limit global temperature rise to less than 2 degrees Celsius (3.6 degrees Fahrenheit) over preindustrial levels by the year 2100. Also, increasing adoption of recyclable and lightweight materials in automotive & transportation industry and rising demand from emerging markets, the adoption & demand for Recycled Carbon Fiber is likely to increase the market growth during the forecast period. However, lack of technical knowledge and competition with

low-cost mature products impedes the growth of the market over the forecast period of 2022-2028.

The key regions considered for the global Recycled Carbon Fiber market study includes Asia Pacific, North America, Europe, Latin America and Rest of the World. Europe is the leading region across the world in terms of market share owing to the growing automotive and transportation industry. Strategic developments, the existence of established vehicle manufacturers, leading recycled carbon fiber producers, and technical improvements linked to recycled carbon fiber products are also contributing to the market's growth. On the other hand, Asia-Pacific is anticipated to exhibit high CAGR over the forecast period 2022-2028, Owing to the factors such as, increasing demand from end-use industries.

Major market player included in this report are:

Toray Industries Inc.
ELG Carbon Fibre Ltd.
SGL Carbon
Karborek Recycling Carbon Fibers
Carbon Conversions Inc.
Carbon Fiber Recycling, Inc.
Shocker Composites LLC.
Procotex Corporation SA
Alpha Recyclage Composites
Carbon Fiber Remanufacturing

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 Type:

Chopped Recycled Carbon Fiber
Milled Recycled Carbon Fiber

By Source:

Aerospace Scrap

Automotive Scrap

Others

By End-Use Industry:

Automotive & Transportation

Consumer Goods

Sporting Goods

Industrial

Aerospace & Defense

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 – 2018, 2019, 2020

Base year – 2021

Forecast period – 2022 to 2028

Target Audience of the Global Recycled 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, 2020-2028 (USD Million)
 - 1.2.1. Recycled Carbon Fiber Market, by Region, 2020-2028 (USD Million)
 - 1.2.2. Recycled Carbon Fiber Market, by Type, 2020-2028 (USD Million)
 - 1.2.3. Recycled Carbon Fiber Market, by Source, 2020-2028 (USD Million)
 - 1.2.4. Recycled Carbon Fiber Market, by End-Use Industry, 2020-2028 (USD Million)
- 1.3. Key Trends
- 1.4. Estimation Methodology
- 1.5. Research Assumption

CHAPTER 2. GLOBAL RECYCLED 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 RECYCLED CARBON FIBER MARKET DYNAMICS

- 3.1. Recycled Carbon Fiber Market Impact Analysis (2020-2028)
 - 3.1.1. Market Drivers
 - 3.1.1.1. Government regulations regarding use of environment-friendly product
 - 3.1.1.2. Increasing demand from composites industry for high-performance and cost-efficient carbon fibers
 - 3.1.1.3. Safeguarding environment through waste reduction
 - 3.1.2. Market Challenges
 - 3.1.2.1. Lack of technical knowledge
 - 3.1.2.2. Competition with low-cost mature products
 - 3.1.3. Market Opportunities
 - 3.1.3.1. Increasing adoption of recyclable and lightweight materials in automotive & transportation industry
 - 3.1.3.2. Rising demand from emerging markets

CHAPTER 4. GLOBAL RECYCLED 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 (2019-2028)
- 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
- 4.5. Top investment opportunity
- 4.6. Top winning strategies

CHAPTER 5. RISK ASSESSMENT: COVID-19 IMPACT

- 5.1.1. Assessment of the overall impact of COVID-19 on the industry
- 5.1.2. Pre COVID-19 and post COVID-19 market scenario

CHAPTER 6. GLOBAL RECYCLED CARBON FIBER MARKET, BY TYPE

- 6.1. Market Snapshot
- 6.2. Global Recycled Carbon Fiber Market by Type, Performance - Potential Analysis
- 6.3. Global Recycled Carbon Fiber Market Estimates & Forecasts by Type 2019-2028 (USD Million)
- 6.4. Recycled Carbon Fiber Market, Sub Segment Analysis
 - 6.4.1. Chopped Recycled Carbon Fiber
 - 6.4.2. Milled Recycled Carbon Fiber

CHAPTER 7. GLOBAL RECYCLED CARBON FIBER MARKET, BY SOURCE

- 7.1. Market Snapshot

- 7.2. Global Recycled Carbon Fiber Market by Source, Performance - Potential Analysis
- 7.3. Global Recycled Carbon Fiber Market Estimates & Forecasts by Source 2019-2028 (USD Million)
- 7.4. Recycled Carbon Fiber Market, Sub Segment Analysis
 - 7.4.1. Aerospace Scrap
 - 7.4.2. Automotive Scrap
 - 7.4.3. Others

CHAPTER 8. GLOBAL RECYCLED CARBON FIBER MARKET, BY END-USE INDUSTRY

- 8.1. Market Snapshot
- 8.2. Global Recycled Carbon Fiber Market by End-Use Industry, Performance - Potential Analysis
- 8.3. Global Recycled Carbon Fiber Market Estimates & Forecasts by End-Use Industry 2019-2028 (USD Million)
- 8.4. Recycled Carbon Fiber Market, Sub Segment Analysis
 - 8.4.1. Automotive & Transportation
 - 8.4.2. Consumer Goods
 - 8.4.3. Sporting Goods
 - 8.4.4. Industrial
 - 8.4.5. Aerospace & Defense
 - 8.4.6. Others

CHAPTER 9. GLOBAL RECYCLED CARBON FIBER MARKET, REGIONAL ANALYSIS

- 9.1. Recycled Carbon Fiber Market, Regional Market Snapshot
- 9.2. North America Recycled Carbon Fiber Market
 - 9.2.1. U.S. Recycled Carbon Fiber Market
 - 9.2.1.1. Type breakdown estimates & forecasts, 2019-2028
 - 9.2.1.2. Source breakdown estimates & forecasts, 2019-2028
 - 9.2.1.3. End-Use Industry breakdown estimates & forecasts, 2019-2028
 - 9.2.2. Canada Recycled Carbon Fiber Market
- 9.3. Europe Recycled Carbon Fiber Market Snapshot
 - 9.3.1. U.K. Recycled Carbon Fiber Market
 - 9.3.2. Germany Recycled Carbon Fiber Market
 - 9.3.3. France Recycled Carbon Fiber Market
 - 9.3.4. Spain Recycled Carbon Fiber Market

- 9.3.5. Italy Recycled Carbon Fiber Market
- 9.3.6. Rest of Europe Recycled Carbon Fiber Market
- 9.4. Asia-Pacific Recycled Carbon Fiber Market Snapshot
 - 9.4.1. China Recycled Carbon Fiber Market
 - 9.4.2. India Recycled Carbon Fiber Market
 - 9.4.3. Japan Recycled Carbon Fiber Market
 - 9.4.4. Australia Recycled Carbon Fiber Market
 - 9.4.5. South Korea Recycled Carbon Fiber Market
 - 9.4.6. Rest of Asia Pacific Recycled Carbon Fiber Market
- 9.5. Latin America Recycled Carbon Fiber Market Snapshot
 - 9.5.1. Brazil Recycled Carbon Fiber Market
 - 9.5.2. Mexico Recycled Carbon Fiber Market
- 9.6. Rest of The World Recycled Carbon Fiber Market

CHAPTER 10. COMPETITIVE INTELLIGENCE

- 10.1. Top Market Strategies
- 10.2. Company Profiles
 - 10.2.1. Toray Industries Inc.
 - 10.2.1.1. Key Information
 - 10.2.1.2. Overview
 - 10.2.1.3. Financial (Subject to Data Availability)
 - 10.2.1.4. Product Summary
 - 10.2.1.5. Recent Developments
 - 10.2.2. ELG Carbon Fibre Ltd.
 - 10.2.3. SGL Carbon
 - 10.2.4. Karborek Recycling Carbon Fibers
 - 10.2.5. Carbon Conversions Inc.
 - 10.2.6. Carbon Fiber Recycling, Inc.
 - 10.2.7. Shocker Composites LLC.
 - 10.2.8. Procotex Corporation SA
 - 10.2.9. Alpha Recyclage Composites
 - 10.2.10. Carbon Fiber Remanufacturing

CHAPTER 11. RESEARCH PROCESS

- 11.1. Research Process
 - 11.1.1. Data Mining
 - 11.1.2. Analysis

- 11.1.3. Market Estimation
- 11.1.4. Validation
- 11.1.5. Publishing
- 11.2. Research Attributes
- 11.3. Research Assumption

List Of Tables

LIST OF TABLES

TABLE 1. Global Recycled Carbon Fiber market, report scope

TABLE 2. Global Recycled Carbon Fiber market estimates & forecasts by Region 2019-2028 (USD Million)

TABLE 3. Global Recycled Carbon Fiber market estimates & forecasts by Type 2019-2028 (USD Million)

TABLE 4. Global Recycled Carbon Fiber market estimates & forecasts by Source 2019-2028 (USD Million)

TABLE 5. Global Recycled Carbon Fiber market estimates & forecasts by End-Use Industry 2019-2028 (USD Million)

TABLE 6. Global Recycled Carbon Fiber market by segment, estimates & forecasts, 2019-2028 (USD Million)

TABLE 7. Global Recycled Carbon Fiber market by region, estimates & forecasts, 2019-2028 (USD Million)

TABLE 8. Global Recycled Carbon Fiber market by segment, estimates & forecasts, 2019-2028 (USD Million)

TABLE 9. Global Recycled Carbon Fiber market by region, estimates & forecasts, 2019-2028 (USD Million)

TABLE 10. Global Recycled Carbon Fiber market by segment, estimates & forecasts, 2019-2028 (USD Million)

TABLE 11. Global Recycled Carbon Fiber market by region, estimates & forecasts, 2019-2028 (USD Million)

TABLE 12. Global Recycled Carbon Fiber market by segment, estimates & forecasts, 2019-2028 (USD Million)

TABLE 13. Global Recycled Carbon Fiber market by region, estimates & forecasts, 2019-2028 (USD Million)

TABLE 14. Global Recycled Carbon Fiber market by segment, estimates & forecasts, 2019-2028 (USD Million)

TABLE 15. Global Recycled Carbon Fiber market by region, estimates & forecasts, 2019-2028 (USD Million)

TABLE 16. U.S. Recycled Carbon Fiber market estimates & forecasts, 2019-2028 (USD Million)

TABLE 17. U.S. Recycled Carbon Fiber market estimates & forecasts by segment 2019-2028 (USD Million)

TABLE 18. U.S. Recycled Carbon Fiber market estimates & forecasts by segment 2019-2028 (USD Million)

TABLE 19. Canada Recycled Carbon Fiber market estimates & forecasts, 2019-2028 (USD Million)

TABLE 20. Canada Recycled Carbon Fiber market estimates & forecasts by segment 2019-2028 (USD Million)

TABLE 21. Canada Recycled Carbon Fiber market estimates & forecasts by segment 2019-2028 (USD Million)

TABLE 22. UK Recycled Carbon Fiber market estimates & forecasts, 2019-2028 (USD Million)

TABLE 23. UK Recycled Carbon Fiber market estimates & forecasts by segment 2019-2028 (USD Million)

TABLE 24. UK Recycled Carbon Fiber market estimates & forecasts by segment 2019-2028 (USD Million)

TABLE 25. Germany Recycled Carbon Fiber market estimates & forecasts, 2019-2028 (USD Million)

TABLE 26. Germany Recycled Carbon Fiber market estimates & forecasts by segment 2019-2028 (USD Million)

TABLE 27. Germany Recycled Carbon Fiber market estimates & forecasts by segment 2019-2028 (USD Million)

TABLE 28. RoE Recycled Carbon Fiber market estimates & forecasts, 2019-2028 (USD Million)

TABLE 29. RoE Recycled Carbon Fiber market estimates & forecasts by segment 2019-2028 (USD Million)

TABLE 30. RoE Recycled Carbon Fiber market estimates & forecasts by segment 2019-2028 (USD Million)

TABLE 31. China Recycled Carbon Fiber market estimates & forecasts, 2019-2028 (USD Million)

TABLE 32. China Recycled Carbon Fiber market estimates & forecasts by segment 2019-2028 (USD Million)

TABLE 33. China Recycled Carbon Fiber market estimates & forecasts by segment 2019-2028 (USD Million)

TABLE 34. India Recycled Carbon Fiber market estimates & forecasts, 2019-2028 (USD Million)

TABLE 35. India Recycled Carbon Fiber market estimates & forecasts by segment 2019-2028 (USD Million)

TABLE 36. India Recycled Carbon Fiber market estimates & forecasts by segment 2019-2028 (USD Million)

TABLE 37. Japan Recycled Carbon Fiber market estimates & forecasts, 2019-2028 (USD Million)

TABLE 38. Japan Recycled Carbon Fiber market estimates & forecasts by segment

2019-2028 (USD Million)

TABLE 39. Japan Recycled Carbon Fiber market estimates & forecasts by segment
2019-2028 (USD Million)

TABLE 40. RoAPAC Recycled Carbon Fiber market estimates & forecasts, 2019-2028
(USD Million)

TABLE 41. RoAPAC Recycled Carbon Fiber market estimates & forecasts by segment
2019-2028 (USD Million)

TABLE 42. RoAPAC Recycled Carbon Fiber market estimates & forecasts by segment
2019-2028 (USD Million)

TABLE 43. Brazil Recycled Carbon Fiber market estimates & forecasts, 2019-2028
(USD Million)

TABLE 44. Brazil Recycled Carbon Fiber market estimates & forecasts by segment
2019-2028 (USD Million)

TABLE 45. Brazil Recycled Carbon Fiber market estimates & forecasts by segment
2019-2028 (USD Million)

TABLE 46. Mexico Recycled Carbon Fiber market estimates & forecasts, 2019-2028
(USD Million)

TABLE 47. Mexico Recycled Carbon Fiber market estimates & forecasts by segment
2019-2028 (USD Million)

TABLE 48. Mexico Recycled Carbon Fiber market estimates & forecasts by segment
2019-2028 (USD Million)

TABLE 49. RoLA Recycled Carbon Fiber market estimates & forecasts, 2019-2028
(USD Million)

TABLE 50. RoLA Recycled Carbon Fiber market estimates & forecasts by segment
2019-2028 (USD Million)

TABLE 51. RoLA Recycled Carbon Fiber market estimates & forecasts by segment
2019-2028 (USD Million)

TABLE 52. Row Recycled Carbon Fiber market estimates & forecasts, 2019-2028 (USD
Million)

TABLE 53. Row Recycled Carbon Fiber market estimates & forecasts by segment
2019-2028 (USD Million)

TABLE 54. Row Recycled Carbon Fiber market estimates & forecasts by segment
2019-2028 (USD Million)

TABLE 55. List of secondary sources, used in the study of global Recycled Carbon
Fiber market

TABLE 56. List of primary sources, used in the study of global Recycled Carbon Fiber
market

TABLE 57. Years considered for the study

TABLE 58. Exchange rates considered

List Of Figures

LIST OF FIGURES

- FIG 1. Global Recycled Carbon Fiber market, research methodology
- FIG 2. Global Recycled Carbon Fiber market, market estimation techniques
- FIG 3. Global market size estimates & forecast methods
- FIG 4. Global Recycled Carbon Fiber market, key trends 2021
- FIG 5. Global Recycled Carbon Fiber market, growth prospects 2022-2028
- FIG 6. Global Recycled Carbon Fiber market, porters 5 force model
- FIG 7. Global Recycled Carbon Fiber market, pest analysis
- FIG 8. Global Recycled Carbon Fiber market, value chain analysis
- FIG 9. Global Recycled Carbon Fiber market by segment, 2019 & 2028 (USD Million)
- FIG 10. Global Recycled Carbon Fiber market by segment, 2019 & 2028 (USD Million)
- FIG 11. Global Recycled Carbon Fiber market by segment, 2019 & 2028 (USD Million)
- FIG 12. Global Recycled Carbon Fiber market by segment, 2019 & 2028 (USD Million)
- FIG 13. Global Recycled Carbon Fiber market by segment, 2019 & 2028 (USD Million)
- FIG 14. Global Recycled Carbon Fiber market, regional snapshot 2019 & 2028
- FIG 15. North America Recycled Carbon Fiber market 2019 & 2028 (USD Million)
- FIG 16. Europe Recycled Carbon Fiber market 2019 & 2028 (USD Million)
- FIG 17. Asia pacific Recycled Carbon Fiber market 2019 & 2028 (USD Million)
- FIG 18. Latin America Recycled Carbon Fiber market 2019 & 2028 (USD Million)
- FIG 19. Global Recycled Carbon Fiber market, company market share analysis (2021)

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