

Exploring the Recycled Carbon Fiber Market Opportunity Evaluation, Trends and Demands

The Exactitude Consultancy has updated its global market reports with latest data for 2024 and projections up to 2030

LUTON, BEDFORDSHIRE, UNITED KINGDOM, March 6, 2024 /EINPresswire.com/ -- This information is provided by Exactitude Consultancy, in its report titled, "[Recycled Carbon Fiber](#) Market, 2024-2030."

The global recycled carbon fiber market will witness a CAGR of 12.2% for the forecast period of 2024-2030. It is expected to reach above USD 320.60 Million by 2030 from USD 113.77 Million in 2023. Recycled carbon fiber is utilized in the automotive, aerospace, and military industries due to its superior advantages, which include affordability, energy efficiency, lightweight, and environmental sustainability. Increased environmental rules enacted by regulatory agencies such as the European Union and the Environmental Protection Agency of the United States to decrease carbon emissions drive the need for recovered carbon fibers.

In addition, the increased need for lightweight materials in the aerospace and military industry is anticipated to considerably drive market expansion during the research

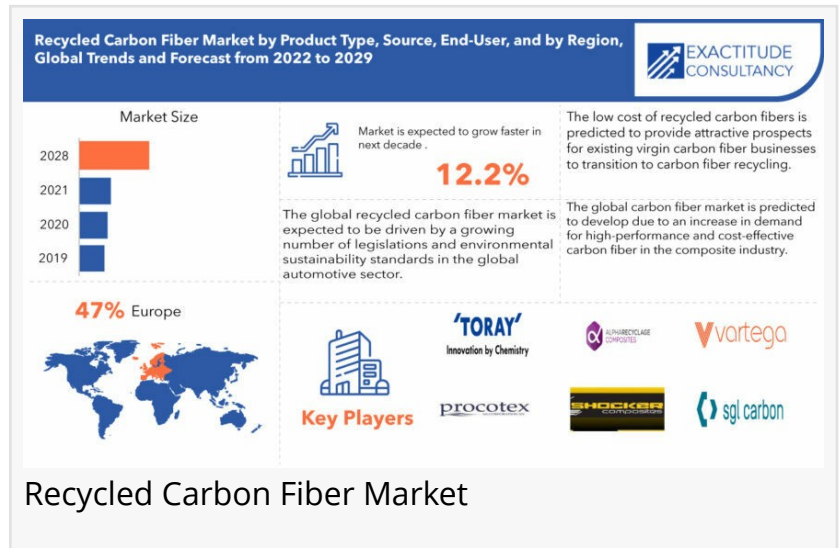
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Recycled carbon fiber sees surging demand, driving sustainable innovation in diverse industries”

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period. In the Asia-Pacific area, the demand for recycled carbon fiber products is projected to increase due to the expanding aviation industry, which will require more airplanes and expanded aviation services due to continued economic expansion and a rising middle-class population. Established aerospace and defense industries in industrialized nations also contribute to market expansion.

For more information, please visit <https://exactitudeconsultancy.com/reports/7365/recycled-carbon-fiber-market/#request-a-sample-report>.



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[sample](#)

Global Recycled Carbon Fiber Market by Product Type, 2020-2029, (USD Million) (Kilotons)

The Recycled Carbon Fiber market competitive landscape provides details by competitor. Details included are company overview, company financials, revenue generated, market potential, investment in research and development, new market initiatives, regional presence, company strengths and weaknesses, product launch, product width and breadth, application dominance. The above data points provided are only related to the companies' focus related to Recycled Carbon Fiber market.

Global Recycled Carbon Fiber Market by Source, 2020-2029, (USD Million) (Kilotons):

Major players in the Recycled Carbon Fiber Market are identified through secondary research and their market revenues determined through primary and secondary research are: Toray Industries Inc., ELG Carbon Fibre Ltd., SGL Carbon, Karborek Recycling Carbon Fibers, Procotex Corporation SA, Alpha Recyclage Composites, Vartega Inc., Carbon Fiber Remanufacturing, Shocker Composites LLC., Hadeq Recycling GmbH, Hexcel Corp., Sigmatex (Uk) Limited, Teijin Ltd., Mitsubishi Chemical Corporation, V-Carbon, Cfk Valley Stade Recycling GmbH & Co Kg, Catech and Others.

Global Recycled Carbon Fiber Market by Source, 2020-2029, (USD Million) (Kilotons)

In November 2022, Teijin Limited announced that it would form a business partnership with European carbon-management professionals GreenDelta GmbH, Makersite GmbH, Minviro Ltd, and PRè Sustainability B.V. to establish a new system aimed at accelerating Teijin's reduction of greenhouse gas (GHG) emissions throughout product life cycles.

Global Recycled Carbon Fiber Market by Source, 2020-2029, (USD Million) (Kilotons):

Global Recycled Carbon Fiber Market by Product Type, 2020-2029, (USD Million) (Kilotons)

Semi-Continuous

Chopped Recycled Carbon Fiber

Milled Recycled Carbon Fiber

Global Recycled Carbon Fiber Market by Source, 2020-2029, (USD Million) (Kilotons)

Aerospace Scrap

Automotive Scrap

Others

Global Recycled Carbon Fiber Market by End-User, 2020-2029, (USD Million) (Kilotons)

Automotive & Transportation

Consumer Goods

Sporting Goods

Industrial

Marine

Aerospace & Defense

Others

Regional Breakdown:

□ North America (United States, Canada, and Mexico)

□ Europe (Germany, France, UK, Russia, and Italy)

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

□ South America (Brazil, Argentina, Colombia, etc.)

□ The Middle East and Africa (Saudi Arabia, UAE, Egypt, Nigeria, and South Africa)

Asia-Pacific is the most significant shareholder in the global recycled carbon fiber market and is anticipated to grow at a CAGR of 13.66% during the forecast period. The growing need for three-dimensional (3D) printed components and parts across all end-use sectors is one of the primary forces driving market growth in this field. The rising demand for sporting items further facilitates this region's rise. Due to its strength and lightweight, carbon fiber is frequently used in this industry. Additionally, China is the dominant nation in the region. China is expanding its recycling infrastructure and promoting low-carbon, environmentally friendly textile production while maximizing the use of textile waste. Due to an increasing emphasis on reusing product resources, India held the second-largest regional share. Recycling is crucial for a nation to accomplish its environmental objectives. Additionally, aiding in reducing carbon footprint substantially reduces the overall expenses involved with creating and producing materials and goods.

Global Recycled Carbon Fiber Market Report:

<https://exactitudeconsultancy.com/reports/7365/recycled-carbon-fiber-market/>

Global Recycled Carbon Fiber Market

A growing emphasis on sustainability and circular economy principles, with industries increasingly adopting recycled carbon fiber in various applications, such as aerospace, automotive, and renewable energy. Additionally, advancements in recycling technologies have improved material quality and consistency, making recycled carbon fiber a more attractive option. As environmental regulations become stricter, and cost-effective solutions gain prominence, the market is expected to witness continued expansion and innovation in the coming years, with a focus on waste reduction and improved supply chain logistics.

Direct-To-Consumer Recycled Carbon Fiber definition, synopsis, and product specification are included in the research. It also identifies market-related obstacles and opportunities.

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An in-depth study of the market for Recycled Carbon Fiber products, including regional evaluations and competitive analyses on a global, regional, and local scale.

Indicators influencing market scenarios, development patterns, growth plans, as well as major regional enterprises fundamental to the market, are identified and highlighted.

A comprehensive section on the market's competitive landscape includes company profiles, strategic activities, and market shares for the industry's major competitors.

Various macro- and micro-level influences on the Global Recycled Carbon Fiber market is identified and analyzed in the study.

Offers a detailed overview of the leading participants in the industry, as well as an analysis of their present strategic goals and critical financial data.

Global Recycled Carbon Fiber Market Report: Country-level analysis for the 5 countries of your choice.

– country-level analysis for the 5 countries of your choice.

– competitive analysis of 5 key market players.

– 40 free analyst hours to cover any other data point.

Exactitude Consultancy is a market research & consulting services firm which helps its client to address their most pressing strategic and business challenges. Our market research helps clients to address critical business challenges and also helps make optimized business decisions with our fact-based research insights, market intelligence, and accurate data.

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