

The Recycled Carbon Fiber Market Set to Surpass US\$ 193 Million by 2031 | Astute Analytica

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/EINPresswire.com/ -- The [Recycled Carbon Fiber Market](#) has been marked for extraordinary growth, with projections indicating a leap from **US\$ 10.1 billion** in 2023 to an impressive **US\$ 193.1 billion** by 2031. This growth, occurring at a **compound annual growth rate (CAGR) of 18.0%**, signals a pivotal shift in the carbon fiber industry's approach to environmental stewardship and resource utilization.



The carbon fiber sector, known for its rapid expansion and the high strength-to-weight ratio of its products, is also facing considerable environmental challenges. A staggering 30% of carbon fiber produced globally does not make it into final products, leading to an alarming rate of waste. This issue is particularly pronounced in the aerospace sector, where the scrap rate stands at 30%, resulting in over 24,000 tons of carbon fiber waste annually. This waste, traditionally ending up in landfills or being incinerated, not only causes significant environmental harm but also represents a considerable economic loss of valuable raw materials.

For more information, visit <https://www.astuteanalytica.com/request-sample/recycled-carbon-fiber-market>

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The move towards recycled carbon fiber emerges as a critical solution to these challenges. By reclaiming and repurposing carbon fiber waste, the industry not only mitigates its environmental impact but also taps into a lucrative market of sustainable materials. This transition is driven by increasing awareness and demand for eco-friendly manufacturing practices across various sectors, including automotive, aerospace, and construction, among others.

The report emphasizes the market size, segment size, competitor landscape, recent status, and development trends in the Recycled Carbon Fiber Market. Additionally, it provides a detailed cost analysis and supply chain information.

Global Recycled Carbon Fiber Market

The global Recycled Carbon Fiber Market is expected to witness substantial growth between 2022 and 2030, with a positive outlook for 2022 and beyond. Key players in the industry are adopting effective strategies, which are anticipated to further expand the market and create numerous opportunities for advancement.

By Type

Chopped recycled carbon fiber

Milled recycled carbon fiber

By Sources

Automotive

Aerospace

Others

By Processes

Pyrolysis

Solvolysis

By Application

Automotive

Wind Energy

Civil Engineering

3D Printing

Energy Storage

Sporting Goods

Marine

Thermoplastic Compounding

Oil & Gas

Pressure Vessels

Aerospace and Defense

Others

By Region

North America

The US

Canada

Mexico

Europe

Western Europe

The UK
Germany
France
Italy
Spain
Rest of Western Europe
Eastern Europe
Poland
Russia
Rest of Eastern Europe
Asia Pacific
China
India
Japan
Australia & New Zealand
ASEAN
Rest of Asia Pacific
Middle East & Africa (MEA)
UAE
Saudi Arabia
South Africa
Rest of MEA
South America
Brazil
Argentina
Rest of South America

Report on Recycled Carbon Fiber Market - <https://www.astuteanalytica.com/industry-report/recycled-carbon-fiber-market>

Report on Recycled Carbon Fiber Market

The report highlights the key players in the Recycled Carbon Fiber Market, offering valuable insights through detailed company profiles. These profiles encompass descriptions, business overviews, revenue insights, gross margins, product offerings, recent developments, historical data, and more.

Carbon Conversions Inc.
Saint Gobain S.A.
AGC Inc.
Alpha Recyclage Composites
Nippon Sheet Glass Co. Ltd.
Procotex Corporation SA

Shocker Composites LLC
Carbon Fiber Remanufacturing
Carbon Fiber Recycling, Inc.
SGL Carbon
Toray Industries, Inc.
Central Glass Co. Ltd.
Vartega Inc.
Other Prominent Players

Global Recycled Carbon Fiber Market Report 2023 provides a comprehensive analysis of the Recycled Carbon Fiber Market, including market size, segmentation, key players, and growth strategies. It provides valuable insights for businesses to make informed decisions, gain a competitive advantage, and maximize profits.

Leveraging Data to Inform Business Choices and Highlight Opportunities: The report offers valuable insights into industry trends, consumer behavior, and competitor analysis, enabling companies to make informed decisions about product development, pricing, and marketing strategies.

Identifying Market Gaps and Opportunities: By identifying market gaps and opportunities, the report helps companies differentiate themselves from competitors and gain a competitive advantage.

Thorough Understanding of the Market and its Dynamics: The report provides a thorough understanding of the market and its dynamics, allowing companies to compare and benchmark their performance against key competitors.

Insights into Competitors' Financial Performance: The report offers insights into competitors' financial performance, enabling companies to make informed decisions and minimize risk.

Regional and Country-Specific Strategies: The report provides insights into regional and country-specific strategies for business development, helping companies tailor their approaches to specific markets.

In summary, the Global Recycled Carbon Fiber Market Report 2023 offers a comprehensive analysis of the Recycled Carbon Fiber Market, including market size, segmentation, key players, and growth strategies. It provides valuable insights for businesses to make informed decisions, gain a competitive advantage, and maximize profits.

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Global Recycled Carbon Fiber Market Report 2023

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