

Carbon fiber Thread Market Prospecting Possibilities Shaping Success through Future Market Sizing

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WILMINGTON, DE, UNITED STATES, January 27, 2025 /EINPresswire.com/ -- Allied Market Research recently published a report titled, "[Carbon Fiber Thread Market](#) by Product Type (Continuous Carbon Fiber Thread, Chopped Carbon Fiber Thread), by End-Use Industry (Aerospace, Automotive, Sports and Recreation, Construction and Infrastructure, Others): Global Opportunity Analysis and Industry Forecast, 2023-2032." According to the report, the global carbon fiber thread market was valued at \$1.6 billion in 2022 and is projected to reach \$2.7 billion by 2032, growing at a CAGR of 5.3% from 2023 to 2032.



Carbon fiber Thread Market Overview

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Prime Determinants of Growth

- The global carbon fiber thread market is experiencing significant growth due to several factors:
- Wide Application Across Industries: Carbon fiber thread is profitably utilized in various end-use industries.
- Demand for Lightweight Vehicles: A rise in the need for lightweight vehicles drives market growth.
- Surge in Renewable Energy Sources: Increased focus on renewable energy fuels the demand for

carbon fiber threads.

However, the high cost of carbon fiber thread production hampers growth to some extent, particularly in cost-sensitive industries. Despite this, opportunities are abundant due to the growing demand for sustainable and eco-friendly materials, as well as the increasing adoption of electric vehicles (EVs). As EV demand rises globally, carbon fiber threads are expected to play a significant role in the automotive sector, creating lucrative opportunities in the coming years.

Continuous Carbon Fiber Thread to Maintain Leadership:

By product type, the continuous carbon fiber thread segment accounted for nearly three-fifths of the global market revenue in 2022 and is projected to maintain its leadership throughout the forecast period. The segment is also expected to exhibit the fastest CAGR of 5.4% from 2023 to 2032. Continuous carbon fiber threads offer a high strength-to-weight ratio, making them ideal for industries such as aerospace, automotive, and sporting goods, where lightweight and durable components are critical.

Aerospace Segment to Dominate:

By end-use industry, the aerospace segment held the largest market share in 2022, contributing over one-third of the global market revenue. This dominance is attributed to the industry's focus on reducing aircraft weight for improved fuel efficiency and payload capacity. Carbon fiber threads are extensively used in aircraft structures like wings and fuselages. The automotive segment is anticipated to showcase the highest CAGR of 5.63% from 2023 to 2032, driven by the industry's goals of lightweighting, performance enhancement, and sustainability.

Asia-Pacific: The Leading Region:

By region, Asia-Pacific accounted for nearly half of the global market revenue in 2022 and is projected to maintain its dominance throughout the forecast period. The region is also expected to register the fastest CAGR of 5.5% from 2023 to 2032. The adoption of carbon fiber thread in the automotive industry is driven by stringent emission regulations, enhanced vehicle performance goals, and growing consumer preference for eco-friendly vehicles.

Key Market Players

The report provides a detailed analysis of major players in the carbon fiber thread market, including:

- MITSUBISHI CHEMICAL CORPORATION

- BEIJING KONFITECH TECHNOLOGY CO., LTD.

- TEIJIN LIMITED
- Solvay S.A.
- SGL Carbon
- KUREHA CORPORATION
- Hexcel Corporation
- Formosa Plastics Corporation
- ZHONGAO CARBON
- TORAY INDUSTRIES, INC.

These companies employ strategies such as product launches, collaborations, expansions, and joint ventures to enhance their market share and maintain a competitive edge. The report offers valuable insights into their business performance, operating segments, product portfolios, and strategic initiatives.

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<https://www.alliedmarketresearch.com/carbon-fiber-thread-market/purchase-options>

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