

# **Heated Windshield Market Size, Trends, Analysis, and Outlook by Type (Tungsten Wire Heated, Conductive Layer Heated), Application (Passenger Vehicles, Commercial Vehicles, Locomotives, Airplanes, Ships, Others), by Country, Segment, and Companies, 2024-2030**

<https://marketpublishers.com/r/HDD6BF735385EN.html>

Date: April 2024

Pages: 194

Price: US\$ 3,980.00 (Single User License)

ID: HDD6BF735385EN

## **Abstracts**

The global Carbon Fiber Composites In Automotive market size is poised to register 11.09% growth from 2024 to 2030, presenting significant growth prospects for companies operating in the industry. The study analyzes the global Carbon Fiber Composites In Automotive market by Application (Race cars, High-End Performance Vehicles, High-End Luxury Vehicles), Production (Hand Layup, Resin Transfer Molding, Vacuum Infusion Processing, Injection Molding, Compression Molding).

The Carbon Fiber Composites in the Automotive Market are poised for significant evolution by 2030, driven by pivotal trends and drivers. With increasing regulatory pressure to reduce emissions and improve fuel efficiency, there is a growing demand for lightweight materials such as carbon fiber composites to enable vehicle weight reduction while maintaining structural integrity and safety standards. In addition, as consumer preferences shift toward electric vehicles (EVs) and autonomous driving technology, carbon fiber composites play a crucial role in supporting the unique design and performance requirements of these vehicles, including battery integration and aerodynamic enhancements. Further, advancements in manufacturing processes and cost-reduction initiatives are expected to make carbon fiber composites more accessible and economical for mass production, further driving their adoption in the automotive industry. Furthermore, as automotive manufacturers strive to differentiate their products and enhance brand image, there is an increasing focus on utilizing carbon fiber composites for interior and exterior styling elements, shaping the future of carbon fiber

composites in the automotive market toward innovation, sustainability, and enhanced performance..

### Carbon Fiber Composites In Automotive Market Drivers, Trends, Opportunities, and Growth Opportunities

This comprehensive study discusses the latest trends and the most pressing challenges for industry players and investors. The Carbon Fiber Composites In Automotive market research analyses the global market trends, key drivers, challenges, and opportunities in the industry. In addition, the latest Future of Carbon Fiber Composites In Automotive survey report provides the market size outlook across types, applications, and other segments across the world and regions. It provides data-driven insights and actionable recommendations for companies in the Carbon Fiber Composites In Automotive industry.

### Key market trends defining the global Carbon Fiber Composites In Automotive demand in 2024 and Beyond

The industry continues to remain an attractive hub for opportunities for both domestic and global vendors. As the market evolves, factors such as emerging market dynamics, demand from end-user sectors, a growing patient base, changes in consumption patterns, and widening distribution channels continue to play a major role.

### Carbon Fiber Composites In Automotive Market Segmentation- Industry Share, Market Size, and Outlook to 2030

The Carbon Fiber Composites In Automotive industry comprises a wide range of segments and sub-segments. The rising demand for these product types and applications is supporting companies to increase their investment levels across niche segments. Accordingly, leading companies plan to generate a large share of their future revenue growth from expansion into these niche segments. The report presents the market size outlook across segments to support Carbon Fiber Composites In Automotive companies scaling up production in these sub-segments with a focus on expanding into emerging countries.

### Key strategies adopted by companies within the Carbon Fiber Composites In Automotive industry

Leading Carbon Fiber Composites In Automotive companies are boosting investments to capitalize on untapped potential and future possibilities across niche market segments and surging demand conditions in key regions. Further, companies are leveraging advanced technologies to unlock opportunities and achieve operational excellence. The report provides key strategies opted for by the top 10 Carbon Fiber

Composites In Automotive companies.

**Carbon Fiber Composites In Automotive Market Study- Strategic Analysis Review**

The Carbon Fiber Composites In Automotive market research report dives deep into the qualitative factors shaping the market, empowering you to make informed decisions-

**Industry Dynamics:** Porter's Five Forces analysis to understand bargaining power, competitive rivalry, and threats that impact long-term strategy formulation.

**Strategic Insights:** Provides valuable perspectives on key players and their approaches based on comprehensive strategy analysis.

**Internal Strengths and Weaknesses:** Develop targeted strategies to leverage strengths, address weaknesses, and capitalize on market opportunities.

**Future Possibilities:** Prepare for diverse outcomes with in-depth scenario analysis.

Explore potential market disruptions, technology advancements, and economic changes.

**Carbon Fiber Composites In Automotive Market Size Outlook- Historic and Forecast Revenue in Three Cases**

The Carbon Fiber Composites In Automotive industry report provides a detailed analysis and outlook of revenue generated by companies from 2018 to 2023. Further, with actual data for 2023, the report forecasts the market size outlook from 2024 to 2030 in three case scenarios- low case, reference case, and high case scenarios.

**Carbon Fiber Composites In Automotive Country Analysis and Revenue Outlook to 2030**

The report analyses 22 countries worldwide including the key driving forces and market size outlook from 2021 to 2030. In addition, region analysis across Asia Pacific, Europe, the Middle East, Africa, North America, and South America is included in the study. For each of the six regions, the market size outlook by segments is forecast for 2030.

**North America Carbon Fiber Composites In Automotive Market Size Outlook- Companies plan for focused investments in a changing environment**

The US continues to remain the market leader in North America, driven by a large consumer base, the presence of well-established providers, and a strong end-user industry demand. Leading companies focus on new product launches in the changing environment. The US economy is expected to grow in 2024 (around 2.2% growth in 2024), potentially driving demand for various Carbon Fiber Composites In Automotive market segments. Similarly, Strong end-user demand is encouraging Canadian Carbon Fiber Composites In Automotive companies to invest in niche segments. Further, as Mexico continues to strengthen its trade relations and invest in technological

advancements, the Mexico Carbon Fiber Composites In Automotive market is expected to experience significant expansion, offering lucrative opportunities for both domestic and international stakeholders.

Europe Carbon Fiber Composites In Automotive Market Size Outlook-Companies investing in assessing consumers, categories, competitors, and capabilities

The German industry remains the major market for companies in the European Carbon Fiber Composites In Automotive industry with consumers in Germany, France, the UK, Spain, Italy, and others anticipated to register a steady demand throughout the forecast period, driving the overall market prospects. In addition, the proactive approach of businesses in identifying and leveraging new growth prospects positions the European Carbon Fiber Composites In Automotive market for an upward trajectory, fostering both domestic and international interest. Leading brands operating in the industry are emphasizing effective marketing strategies, innovative product offerings, and a keen understanding of consumer preferences.

Asia Pacific Carbon Fiber Composites In Automotive Market Size Outlook- an attractive hub for opportunities for both local and global companies

The increasing prevalence of indications, robust healthcare expenditure, and increasing investments in healthcare infrastructure drive the demand for Carbon Fiber Composites In Automotive in Asia Pacific. In particular, China, India, and South East Asian Carbon Fiber Composites In Automotive markets present a compelling outlook for 2030, acting as a magnet for both domestic and multinational manufacturers seeking growth opportunities. Similarly, with a burgeoning population and a rising middle class, India offers a vast consumer market. Japanese and Korean companies are quickly aligning their strategies to navigate changes, explore new markets, and enhance their competitive edge. Our report utilizes in-depth interviews with industry experts and comprehensive data analysis to provide a comprehensive outlook of 6 major markets in the region.

Latin America Carbon Fiber Composites In Automotive Market Size Outlook- Continued urbanization and rising income levels

Rising income levels contribute to greater purchasing power among consumers, spurring consumption and creating opportunities for market expansion. Continued urbanization and rising income levels are expected to sustainably drive consumption growth in the medium to long term.

Middle East and Africa Carbon Fiber Composites In Automotive Market Size Outlook- continues its upward trajectory across segments

Robust demand from Middle Eastern countries including Saudi Arabia, the UAE, Qatar, Kuwait, and other GCC countries supports the overall Middle East Carbon Fiber Composites In Automotive market potential. Fueled by increasing consumption expenditure, growing population, and high demand across a few markets drives the demand for Carbon Fiber Composites In Automotive.

#### Carbon Fiber Composites In Automotive Market Company Profiles

The global Carbon Fiber Composites In Automotive market is characterized by intense competitive conditions with leading companies opting for aggressive marketing to gain market shares. The report presents business descriptions, SWOT analysis, growth strategies, and financial profiles. Leading companies included in the study are ACP Composites Inc, Clearwater Composites Llc, Cytec Industries Inc, HITCO Carbon Composites Inc, Mitsubishi Chemical Carbon Fiber and Composites Inc, Owens Corning, Polar Manufacturing Ltd, Rock West Composites Llc, SGL Carbon SE, Toray Industries Inc, ZOLTEK Corp.

#### Recent Carbon Fiber Composites In Automotive Market Developments

The global Carbon Fiber Composites In Automotive market study presents recent market news and developments including new product launches, mergers, acquisitions, expansions, product approvals, and other updates in the industry.

#### Carbon Fiber Composites In Automotive Market Report Scope

Parameters: Revenue, Volume Price

Study Period: 2023 (Base Year); 2018- 2023 (Historic Period); 2024- 2030 (Forecast Period)

Currency: USD; (Upon request, can be provided in Euro, JPY, GBP, and other Local Currency)

Qualitative Analysis

Pricing Analysis

Value Chain Analysis

SWOT Profile

Market Dynamics- Trends, Drivers, Challenges

Porter's Five Forces Analysis

Macroeconomic Impact Analysis

Case Scenarios- Low, Base, High

#### Market Segmentation:

Application

Race cars

High-End Performance Vehicles  
High-End Luxury Vehicles  
Production  
Hand Layup  
Resin Transfer Molding  
Vacuum Infusion Processing  
Injection Molding  
Compression Molding

Geographical Segmentation:

North America (3 markets)  
Europe (6 markets)  
Asia Pacific (6 markets)  
Latin America (3 markets)  
Middle East Africa (5 markets)

Companies

ACP Composites Inc  
Clearwater Composites Llc  
Cytac Industries Inc  
HITCO Carbon Composites Inc  
Mitsubishi Chemical Carbon Fiber and Composites Inc  
Owens Corning  
Polar Manufacturing Ltd  
Rock West Composites Llc  
SGL Carbon SE  
Toray Industries Inc  
ZOLTEK Corp.

Formats Available: Excel, PDF, and PPT

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Passenger Vehicles  
Commercial Vehicles  
Locomotives  
Airplanes  
Ships  
Others

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Guardian Industries LLC

Nippon Sheet Glass Co. Ltd

Rehau Group

Ricky Evans Motorsport Ltd

Safelite Group Inc

Saint-Gobain SA

Xinyi Glass Holdings Ltd

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