

Growth Opportunities for Carbon Fiber in the Global Automotive Market

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Abstracts

The future of carbon fiber in the global automotive market looks promising with opportunities in the exterior, interior, chassis, powertrain, and under body system market. Carbon fiber in the global automotive market is expected to grow at a CAGR of 7.9% from 2018 to 2023. The major growth drivers for this market are increasing automotive production and growing demand for lightweight material due to stringent government regulations to increase fuel efficiency and reduce greenhouse gas emissions.

Emerging trends, which have a direct impact on the dynamics of carbon fiber in the global automotive industry, include development of hybrid, low cost, and recyclable carbon fiber for automotive market.

A total of 184 figures/charts and 103 tables are provided in this 254 -page report to help in your business decisions. Sample figures with some insights are shown below. To learn the scope of, benefits, companies researched and other details of this carbon fiber in the global automotive market report download the report brochure.

carbon fiber in automotive market by application

carbon fiber in automotive market

carbon fiber in automotive market manufacturers

The study includes carbon fiber in the global automotive market size and market trends and forecasts for carbon fiber in the global automotive market through 2023, segmented by application, material, and region as follows:

Carbon Fiber in Global Automotive Market by Application (Volume (M lbs.) and \$M shipment analysis for 2012 to 2023):

Exterior Chassis system Interior Pressure vessel Power train system Under body system Others

Carbon Fiber in Global Automotive Market by Material (Volume (M lbs) and \$M shipment analysis for 2012 to 2023):

Textile Long Fiber Thermoplastic (LFT) Sheet Molding Compound (SMC) Short Fiber Thermoplastic (SFT) Prepreg Other

Carbon Fiber in Global Automotive Market by Region (Volume (M lbs) and \$M shipment analysis for 2012 to 2023):

North America Europe Asia Pacific (APAC)/Rest of the World (ROW)

Some of the carbon fiber in the global automotive companies profiled in this report include SGL, Toray, Mitsubishi Rayon, Toho Tenax, Formosa Plastic, Hexcel, Cytec, DOWAKSA, Hyosung Corporation, and Composite Holding.

Lucintel forecasts that the carbon fiber textile is expected to remain the largest market by value and volume due to increasing demand in automotive exterior applications.

Within this market, exterior will remain the largest application by value and volume due to increasing usage of carbon fiber in hood, fender, panel, roof, front end module, and wind shield. Lucintel predicts that the demand for carbon fiber in chassis application is expected to experience the highest growth in the forecast period.

Europe is expected to remain the largest market and witness the highest growth over the forecast period due to the increasing production of luxury and sports car.

Government regulations, such as CAFE Standards in the US and carbon emission targets in Europe, are putting pressure on OEMs to incorporate lightweight materials to reduce the vehicle weight.

Some of the features of “Carbon Fiber in the Global Automotive Market Report: Trends, Forecast and Competitive Analysis” include:

Market size estimates: Carbon fiber in the global automotive market size estimation in terms of value (\$M) and volume (M Lbs.) shipment. Trend and forecast analysis: Market trend (2012-2017) and forecast (2018-2023) by application, and end use industry. Segmentation analysis: Carbon fiber in the global automotive market size by various applications such as application and material type in terms of value and volume

shipment. Regional analysis: Carbon fiber in the global automotive market breakdown by North America, Europe, Asia Pacific, and the Rest of the World. Growth opportunities: Analysis on growth opportunities in different applications and regions of carbon fiber in the global automotive market. Strategic analysis: This includes M&A, new product development, and competitive landscape of carbon fiber in the global automotive market. Analysis of competitive intensity of the industry based on Porter's Five Forces model.

This report answers the following 11 key questions:

- Q.1. What are some of the most promising, high-growth of carbon fiber in the global automotive composites market by application (exterior, power train system, under body system, chassis system, pressure vessel, interior and others), by material (SMC, LFT, SFT, Prepreg and RTM and Other thermoset, regional (North America, Europe APAC/ROW), and region (North America, Europe, APAC/ROW) and why?
- Q.2. Which application segments will grow at a faster pace and why?
- Q.3. Which region will grow at a faster pace and why?
- Q.4. What are the key factors affecting market dynamics? What are the drivers and challenges for carbon fiber in the global automotive composites market?
- Q.5. What are the business risks and competitive threats for carbon fiber in the global automotive composites market?
- Q.6. What are emerging trends for carbon fiber in the global automotive composites market and reasons behind them?
- Q.7. What are some changing demands of customers for carbon fiber in the global automotive composites market?
- Q.8. What are the new developments for carbon fiber in the global automotive composites market and which companies are leading these developments?
- Q.9. Who are the major players for carbon fiber in the global automotive composites market? What strategic initiatives are being implemented by key players for business growth?
- Q.10. What are some of the competitive products for carbon fiber in the global automotive composites market and how great of a threat do they pose for loss of market share through product substitution?
- Q.11. What M & A activities have transpired in the last 5 years for carbon fiber in the global automotive composites market and how have they affected the industry?

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