

# Growth Opportunities for Composites in the Global Mass Transportation and Off Road Equipment Market

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## Abstracts

The future of composite materials in the global mass transportation and off road equipment market looks promising with opportunities in exterior, interior, under the hood, electrical components, powertrain and other applications. The global market of composite materials in mass transportation and off road equipment is expected to reach an estimated \$1.0 billion by 2023 and it is forecast to grow at a CAGR of 4.6% from 2018 to 2023. The global composites end product market for mass transportation and off road equipment is expected to reach an estimated \$2.8 billion by 2023. The major driver for growth in this market is increasing demand for lightweight materials over steel in heavy trucks, buses, and coaches due to government regulations to increase fuel efficiency and reduce carbon emission.

Emerging trend, which has a direct impact on the dynamics of composites in mass transportation and off road equipment industry, include development of low density SMC material.

A total of 148 figures / charts and 118 tables are provided in this 207 -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 composites in the global mass transportation and off road equipment market report, download the report brochure.

composites in mass transportation and off road equipment market by vehicle

composites in mass transportation and off road equipment market

composites in mass transportation and off road equipment market

## manufacturers

The study includes the market size for composites in mass transportation and off road equipment market and forecast for the global composites in mass transportation and off road equipment market by vehicle type, intermediate material, application, and region as follows:

Composites in Mass Transportation and off Road Equipment Market by Application (Volume (Million Pounds) and \$M shipment analysis for 2012 – 2023): Exterior Interior Under the Hood Electrical Component Powertrain Others

Composites in Mass Transportation and off Road Equipment Market by Intermediate Material (Volume (Million Pounds) and \$M shipment analysis for 2012 – 2023): Sheet Molding Compound (SMC) & Bulk Molding Compound (BMC) Short Fiber Thermoplastic (SFT) Continuous Fiber Thermoplastic (CFT) Long Fiber Thermoplastic (LFT) Glass Mat Thermoplastic ( GMT)

Composites in Mass Transportation and off Road Equipment Market by Vehicle Type (Volume (Million Pounds) and \$M shipment analysis for 2012 – 2023): Heavy Truck Off Road Equipment Bus and Coach

Composites in Mass Transportation and off Road Equipment Market by Manufacturing Process ((Volume (Million Pounds) and \$M shipment analysis for 2012 – 2023):Compression Molding Injection Molding Long Fiber Injection Reinforced Reaction Injection Molding

Composites in Mass Transportation and off Road Equipment Market by Region (Volume (Million Pounds) and \$M shipment analysis for 2012 – 2023): North America Europe Asia Pacific The Rest of the World

Core Molding Technologies, IDI Composites, Polynt Riechhold Group, Teijin, and BASF are among the major suppliers of the global composite materials in mass transportation and off road equipment market.

On the basis of its comprehensive research, Lucintel forecasts that SMC & BMC material is expected to be the largest intermediate materials by value and volume over the forecast period.

Within this market, exterior will remain the largest application by value and volume due to increasing demand for composites in hood, fender, headlamp reflector and front end module. Composite materials in under the hood application are expected to witness highest growth due to increasing demand for high performance material in pan module,

engine cover, heat shield, and air end caps.

Europe is expected to remain the largest region by value and volume due to higher production of composites part for mass transportation than other region. Government regulations, such as CAFE Standards in the US and carbon emission targets in Europe, are the key drivers for putting pressure on OEMs to incorporate lightweight materials to curb the overall weight.

Some of the features of “Growth Opportunities for Composites in the Global Mass Transportation and Off Road Equipment Market: Trends, Forecast, and Opportunity Analysis” include:

Market size estimates: Composites in the global mass transportation and off road equipment 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: Composites in the global mass transportation and off road equipment market size by various applications such as application, intermediate material, vehicle, and manufacturing process in terms of value and volume shipment. Regional analysis: Composites in the global mass transportation and off road equipment 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 for composites in the global mass transportation and off road equipment market. Strategic analysis: This includes M&A, new product development, and competitive landscape for composites in the global mass transportation and off road equipment market. Analysis of competitive intensity of the industry based on Porter’s Five Forces model.

This report answers following 11 key questions:

Q.1 What are some of the most promising potential, high-growth opportunities for composites in the global mass transportation and off road equipment market by vehicle type (heavy truck, off road equipment, bus and coach), applications (exterior, interior, under the hood, electrical components, powertrain and others), intermediate materials (SMC/BMC, SFT, CFT, LFT, and GMT) and region (North America, Europe, Asia Pacific, and the Rest of the World)?

Q.2 Which segments will grow at a faster pace and why?

Q.3 Which regions will grow at a faster pace and why?

Q.4 What are the key factors affecting market dynamics? What are the drivers and challenges of composites in the global mass transportation and off road equipment

market?

Q.5 What are the business risks and threats of composites in the global mass transportation and off road equipment market?

Q.6 What are emerging trends of composites in the global mass transportation and off road equipment and the reasons behind them?

Q.7 What are some changing demands of customers for composites in the global mass transportation and off road equipment market?

Q.8 What are the new developments of composites in the global mass transportation and off road equipment market? Which companies are leading these developments?

Q.9 Who are the major players for composites in the global mass transportation and off road equipment market? What strategic initiatives are being implemented by key players for business growth?

Q.10 What are some of the competitive products and processes of composites in the global mass transportation and off road equipment area and how big of a threat do they pose for loss of market share via material or product substitution?

Q.11 What M & A activities have taken place in the last 5 years for composites in the global mass transportation and off road equipment market?

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