

Automotive Composite Market by Type (Polymer Matrix Composite, Metal Matrix Composite, and Ceramic Matrix Composite) and by Application (Interior Components, Exterior Components, Chassis & Powertrain Components and Others) - Global Trends & Forecast to 2019

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Abstracts

Composites have found wide acceptance in various industries including automotive because of their light weight and environmental resistance characteristics. On the basis of application areas, the market of automotive composite can be broadly segmented into interior, exterior, chassis & powertrain components and others. Though exterior components is the major application of automotive composite, chassis & powertrain components is an emerging market and the demand for the same is growing at a high pace.

The Asia-Pacific region is the biggest market of automotive composite, accounting for nearly 43.2% of the total automotive composite demand in 2013. There is a lot of scope in the Asia-Pacific market due to high demand and increasing automotive manufacturing base in the region. With the emerging technological developments and innovations, the global demand for automotive composite may further augment at a higher pace.

Currently, the penetration of automotive composite is increasing in high end cars and this trend can be seen being extended to mid-end to low end cars as well. Rising demand for fuel efficient vehicles, reduced weight, and parts consolidation are the major factors driving the increased demand in the automotive composite market. The design flexibility offered by composites is further pushing the market of automotive composite in different automotive applications. Technological developments & innovations and

expansions are identified as key strategies to expand the automotive composite market.

This study on automotive composite market estimates its global demand and market value for 2013 and projects the expected demand and market value of the same by 2019. As a part of the quantitative analysis, the study segments the global market by types and applications at country level with current market estimation and forecast till 2019. The countries covered in the report are the U.S., Mexico, Canada, Germany, Spain, France, U.K., China, Japan, India, South Korea, Brazil and Argentina. The segmentation by type includes polymer matrix composite, metal matrix composite and ceramic matrix composite. Additionally the polymer matrix composite is further subdivided into glass fiber composite, natural fiber composite, and carbon fiber composite; while on the basis of its application, the segmentation includes exterior, interior, chassis & powertrain components and others.

As a part of qualitative analysis, the research provides report with a comprehensive review of key market drivers, restraints, opportunities, and burning issues in the market.

It also includes company profiling and competitive strategies adopted by various market players including Toray Industries (Japan), Owens Corning (U.S.), Johns Manville (U.S.), SGL Group (Germany), Cytec Industries Inc. (U.S.), TenCate (Netherlands), Nippon Sheet Glass Co., Ltd. (Japan), Jushi Group Co. Ltd. (China), and Teijin Limited (Japan). The top automotive manufacturers such as Bayerische Motoren Werke Aktiengesellschaft (Germany), Volkswagen Group (Germany), General Motor Company (U.S.), and Ford Motor Company (U.S.) are also included.

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About

Objectives Of The Study

To define, describe, and forecast the automotive composite market size, in terms of value and volume

To identify and measure the automotive composite market by types, applications, and regions

To provide detailed information regarding the major factors influencing the growth of the market (drivers, restraints, opportunities, industry-specific challenges, and burning issues)

To analyze significant regional trends in North America, Europe, Asia–Pacific, and RoW (Rest of the World). The report also analyzes significant country-specific trends in the U.S., Mexico, Canada, Germany, the U.K., France, Spain, India, China, South Korea, and Japan

To strategically profile and analyze key market players and their core competencies

To analyze recent market developments such as partnerships, joint ventures, and mergers & acquisitions of the automotive composite market

Market Scope

This market study covers different segments of composites (types, applications, and regions) for arriving at the size of the automotive composite market between 2012 and 2019.

The market estimation and projection have been based on several parameters such as the number of players in a particular region, demand trends, pricing trends based on newly developed technologies, the extent of the research

activities, growing application market, GDP (Gross Domestic Product), and population of a country in that particular region.

The size of the overall market has been determined by using forecast techniques based on the demand for composites for automotive applications in different regions. The market size has been validated through primary interviews with leading industry participants.

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