

Germany Automotive Composites Market Size and Share Outlook - Forecast Trends and Growth Analysis Report (2025-2034)

Market Report | 2025-06-30 | 131 pages | EMR Inc.

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Report description:

The Germany automotive composites market size reached nearly USD 549.48 Million in 2024. The market is projected to grow at a CAGR of 13.50% between 2025 and 2034 to reach a value of around USD 1949.44 Million by 2034.

Key Trends in the Market

Automotive composites refer to lightweight materials that are made from materials with different chemical and physical properties. Automotive composites are stiff and strong and do not rust or corrode over a long period of time.

- The increasing sales of passenger vehicles in Germany have been driving the demand for automotive composites. In addition, stringent safety standards, along with a greater focus on ensuring the reliability of vehicles by manufacturers, are fuelling the Germany automotive composites market growth.
- The increasing export of light commercial vehicles is further bolstering the demand for automotive composites. Moreover, the market is anticipated to be aided by the increasing research and development activities aimed at improving the fuel efficiency of vehicles in Germany.
- The growing deployment of lightweight natural fibres in next-generation vehicles is a crucial Germany automotive composites market trend. These natural fibres are likely to witness a heightened demand in the manufacturing of vehicles to provide lightweight high stability, and resistance against mechanical deformity to various components.

Market Segmentation

"Germany Automotive Composites Market Report and Forecast 2025-2034" offers a detailed analysis of the market based on the

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following segments:

Breakup by Fiber Type

- Glass Fibre
- Carbon Fibre
- Others

Breakup by Resin Type

- Thermoset
- Thermoplastic

Breakup by Manufacturing Process

- Compression Moulding
- Injection Moulding
- Resin Transfer Moulding (RTM)
- Others

Breakup by Application

- Structural Assembly
- Powertrain Component
- Interior
- Exterior
- Others

Market Share by Fibre Type

Glass fibre accounts for a significant portion of the Germany automotive composites market share. Glass fibres offer high abrasion resistance, making them ideal for manufacturing brake pads and clutches. They are also less dense compared to heavy metal counterparts, such as steel, which is boosting their applications in vehicles. Moreover, favourable properties of automotive glass fibre composites such as sound dampening, fire resistance, and high tensile strength can improve the overall quality of an automobile.

Market Share by Application

As per the Germany automotive composites market analysis, the demand for composites in manufacturing the exterior of vehicles is expected to significantly rise in the forecast period. This can be attributed to the heightened demand for automotive composites for manufacturing several exterior components of vehicles such as front and rear bumper, hood, door, and casing, among others. Furthermore, exterior automotive composites improve the safety of the passengers, leading to a secure driving experience.

Competitive Landscape

The comprehensive EMR report provides an in-depth assessment of the market based on the Porter's five forces model along with giving a SWOT analysis. The report gives a detailed analysis of the key players in the Germany automotive composites market,

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covering their competitive landscape and latest developments like mergers, acquisitions, investments and expansion plans.

BASF SE

BASF SE is a leading chemical company that manufactures paints and coatings, pharmaceuticals, plastics and rubbers, and pulp and paper, among other products. The company was founded in 1865 and is headquartered in Ludwigshafen, Germany.

SGL Carbon SE

SGL Carbon SE is a company which is engaged in manufacturing carbon and graphite products. The product portfolio of the company includes expanded natural graphite, laminated sheets, automotive components, and energy storage solutions, among others.

Solvay Group

Solvay Group is one of the leading companies offering solutions related to materials and chemicals. The product portfolio of this company includes amines, mining chemicals, solvents, and speciality polymers, among others.

Other Germany automotive composites market players include Toray Industries, Inc., BMW AG, Hexcel Corporation, Teijin Limited, Voith GmbH & Co. KGaA, and Muhr und Bender KG, among others.

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