

Composites in the Global Automotive Market: Trends, Opportunities and Competitive Analysis [2023-2028]

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Abstracts

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Composites in the Global Automotive Market Trends and Forecast

The future of the composites in the global automotive market looks promising with opportunities in interior, exterior, power train system, chassis systems, electrical and electronics and under body system. The composites in the global automotive market is expected to reach an estimated \$22.4 billion by 2028 with a CAGR of 5.6% 2022 to 2028. The major growth driver in this market is rise in demand for vehicles that are fuel efficient and have low carbon emissions and corrosion resistivity and low thermal expansion.

Composites in the Global Automotive Market by Material, Application, Fiber, Resin Group, and Region

Emerging Trends in the Composites in the Global Automotive Market

Emerging trends, which have a direct impact on the dynamics of the composites in the global automotive market, include the carbon fiber-reinforced hybrid automotive lightweight materials, and development of stronger and lighter automotive equipment and spare parts.

A total of 93 figures / charts and 80 tables are provided in this 210-page report to help in your business decisions. A sample figure with insights is shown below.

Composites in the Global Automotive Market by Segments

Composites in the Global Automotive Market by Segment

The study includes a forecast for the composites in the global automotive by material, application, fiber, resin group, and region as follows:

By Material [Value (\$M) and Volume (M lbs) shipment analysis for 2017 – 2028]:

SMC

BMC

GMT

LFT

CFT

SFT

Polyurethane Resin

By Application [Volume (M lbs) shipment analysis for 2017 – 2028]:

Interior

Exterior

Power Train System

Chassis Systems

Electrical and Electronics

Under Body System

Others

By Fiber [Volume (M lbs) shipment analysis for 2017 – 2028]:

Glass Fiber

Carbon Fiber

By Resin Group [Volume (M lbs) shipment analysis for 2017 – 2028]:

Thermoset Resin

Thermoplastic Resin

By Region [Volume (M lbs) shipment analysis for 2017 – 2028]:

North America

Europe

Asia Pacific & Rest of The World

List of Composites in the Global Automotive Market Companies

Companies in the market compete on the basis of product quality offered. Major players in this market focus on expanding their manufacturing facilities, R&D investments, infrastructural development, and leverage integration opportunities across the value chain. With these strategies composites in the global automotive market companies cater increasing demand, ensure competitive effectiveness, develop innovative products & technologies, reduce production costs, and expand their customer base. Some of composites in the global automotive market companies profiled in this report include.

SGL

Toray Industries Inc.

Mitsubishi Chemical Corporation

Owens Corning

Jushi Group Co., Ltd

Chongqing Polycomp International Corporation

Polynt-Reichhold

AOC

Ashland (INEOS Enterprises)

Celanese

SABIC

BASF

Composites in the Global Automotive Market Insight

Lucintel forecasts that, SFT is expected to be the largest material due to its various properties such as; chemical resistance, re-mold without degradation, and recyclable. Continuous fiber thermoplastic (CFT) composites segment is expected to witness the highest growth in the forecast period.

Exterior expected to witness the highest growth over the forecast period due to the increasing use of composites for its properties like corrosion resistance and lightweight.

Asia Pacific and ROW is expected to remain the largest region by value and volume and also witness the highest growth over the forecast period due to higher penetration of composites in automotive in this region than other region.

Features of Composites in the Global Automotive Market

Market Size Estimates: Composites in the global automotive market size estimation in terms of value (\$M) and volume (M lbs)

Trend and Forecast Analysis: Market trends (2017-2022) and forecast (2023-2028) by various segments and regions.

Segmentation Analysis: Market size by material, application, fiber, resin group, and region.

Regional Analysis: Composites in the Global Automotive market breakdown by North America, Europe, Asia Pacific & Rest of the World.

Growth Opportunities: Analysis of growth opportunities in different material, application, fiber, resin group, and region for the footwear sole material market.

Strategic Analysis: This includes M&A, new product development, and competitive landscape for the composites in the global automotive market.

Analysis of competitive intensity of the industry based on Porter's Five Forces model.

FAQ

Q1. What is the Composites in the Global Automotive Market size?

Answer: The composites in the global automotive market is expected to reach an estimated \$22.4 billion by 2028.

Q2. What is the growth forecast for Composites in the Global Automotive Market?

Answer: The composites in the global automotive market is expected to grow at a CAGR of 5.6% from 2022 to 2028.

Q3. What are the major drivers influencing the growth of the Composites in the Global Automotive Market?

Answer: The major growth driver in this market is rise in demand for vehicles that are fuel efficient and have low carbon emissions and corrosion resistivity and low thermal expansion.

Q4. What are the major applications industries for Composites in the Global Automotive Market?

Answer: Powertrain system and others are the major composites in the global automotive market.

Q5. What are the emerging trends in Composites in the Global Automotive Market?

Answer: Emerging trends, which have a direct impact on the dynamics of the footwear

sole material industry, include the development of fusion of plastic with other sole materials, and shifting of footwear manufacturers from China to South East Asia.

Q6. Who are the key Composites in the Global Automotive Market companies?

Answer: Some of the key Composites in the Global Automotive Market companies are as follows:

SGL

Toray Industries Inc

Mitsubishi Chemical Corporation

Owens Corning

Jushi Group Co., Ltd

Chongqing Polycomp International Corporation

Polynt-Reichhold

AOC

Ashland (INEOS Enterprises)

Celanese

SABIC

BASF

Q7. Which Composites in the Global Automotive Market material segment will be the largest in future?

Answer: Lucintel forecasts that, SFT is expected to be the largest material continuous fiber thermoplastic (CFT) composites segment is expected to witness the highest growth in the forecast period.

Q8: In Composites in the Global Automotive Market, which region is expected to be the largest in next 5 years?

Answer: Asia Pacific and Rest of The World is expected to remain the largest region and witness the highest growth over next 5 years.

Q9. Do we receive customization in this report?

Answer: Yes, Lucintel provides 10% Customization Without any Additional Cost.

This report answers following 11 key questions

Q.1 What are some of the most promising potential, high growth opportunities for the composites in the global automotive market by material (SMC, BMC, GMT, LFT, CFT, SFT, and polyurethane resin), application (exterior, interior, power train system, chassis system, electrical and electronics, under body system, and others), fiber (glass fiber and carbon fiber), resin group (thermoset resin and thermoplastic resin) and by region (North America, Europe, Asia Pacific & 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 the market?

Q.5 What are the business risks and threats to the market?

Q.6 What are the emerging trends in this market and the reasons behind them?

Q.7 What are the changing demands of customers in the market?

Q.8 What are the new developments in the market? Which companies are leading these developments?

Q.9 Who are the major players in this market? What strategic initiatives are being implemented by key players for business growth?

Q.10 What are some of the competitive products and processes in this 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 in this market?

For any questions related to composites in the global automotive market or related to composites in the global automotive companies, composites in the global automotive market size, composites in the global automotive market share, composites in the global automotive analysis, composites in the automotive, automotive composites, composites in automotive, composites for exterior parts, write Lucintel analyst at email: helpdesk@lucintel.com we will be glad to get back to you soon.

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- 7.8: AOC

7.9: Ashland (INEOS Enterprises)

7.10: Celanese

7.11: SABIC

7.12: BASF

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