

Global Fiberglass Market Size study & Forecast, by Glass Type (E-Glass, Specialty), by Product (Glass Wood, Yarn, Roving, Chopped Strands, Others), by Application (Transportation, Building & Construction, Electrical & Electronics, Pipe & Tank, Consumer Goods, Wind Energy, Others) and Regional Analysis, 2023-2030

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Abstracts

Global Fiberglass Market is valued at approximately USD 12.58 billion in 2022 and is anticipated to grow with a healthy growth rate of more than 4.8% over the forecast period 2023-2030. The global fiberglass market refers to the industry involved in the production, distribution, and use of fiberglass, which is a reinforced plastic material made from fine fibers of glass. The major driving factors for the Global Fiberglass Market are rising construction industry and the growing automotive industry. Moreover, rising technological advancements and high government support for the market are creating lucrative growth opportunities for the market over the forecast period 2023-2030.

Rise in number of connected cars worldwide is driving the market growth. Connected cars often feature advanced electronic systems and sensors that require lightweight materials to improve fuel efficiency and reduce emissions. Fiberglass is known for its high strength-to-weight ratio, making it an attractive choice for components like body panels, bumpers, and interior parts. For instance,, according to Statista, in 2021 there was 237 million connected cars which is predicted to increase up to 400 million in 2025. Along with this, the global automotive manufacturing industry, due to pandemic the faced decline in revenue. Yet, the market is recovering slowly and in 2022 the market would lift up to USD 2.95 trillion from USD 2.71 trillion in 2020 according to Statista.

Along with this, according to the same source, by year 2030, 58 million new self-driving cars are anticipated to be added on road across the globe, which would directly increase the adoption of 5G in automotive. Additionally, around 26% of all new car sales are anticipated to be electric vehicles. However, the high cost of Fiberglass stifles market growth throughout the forecast period of 2023-2030.

The key regions considered for the Global Fiberglass Market study includes Asia Pacific, North America, Europe, Latin America, and Middle East & Africa. North America is a dominating market for fiberglass, driven by the presence of various industries such as construction, automotive, aerospace, and wind energy. The region has a mature fiberglass market, with established manufacturers and high demand for fiberglass products. The construction sector contributes to the growth of the fiberglass market due to the use of fiberglass in applications such as insulation, roofing, and composite materials. The Asia-Pacific region is experiencing significant growth in the fiberglass market due to rapid industrialization, urbanization, and infrastructure development. Countries such as China, India, and Japan have a high demand for fiberglass products, particularly in the construction, automotive, and electronics industries. The region is also witnessing a surge in wind energy projects, contributing to the demand for fiberglass in wind turbine components.

Major market player included in this report are:

LANXESS (Germany)

Owens Corning (U.S.)

3B - The Fiberglass Comp (Belgium)

Shandong Fiberglass Group Corp (China)

Nippon Electric Glass Co., Ltd (Japan)

Taishan Fiberglass Inc.(CTG) (China)

Chongqing Polycomp International Corp. (China)

Johns Manville (U.S.)

Saint-Gobain Vetrotex (France)

China Jushi Co., Ltd. (China)

Recent Developments in the Market:

In June 2022, Owens Corning announced the signing of an agreement to establish a joint venture with Pultron Composites. This joint venture aims to manufacture fiberglass rebar, a type of reinforcement used in concrete. Through this partnership, Owens Corning reaffirms its commitment to offering high-performance concrete reinforcement products in a sustainable manner. Fiberglass rebar provides advantages such as increased durability and corrosion resistance compared to traditional steel reinforcement.

In February 2021, Saint-Gobain Vetrotex introduced a new sizing system called T34 as a successor to their previous T30 product. The T34 sizing system was specifically developed to enable heat-cleaning operations without compromising the textile properties of fiberglass. According to the company, the T34 sizing system has demonstrated excellent performance, with no broken filaments occurring during the weaving processes. This innovation enhances the manufacturing process of fiberglass textiles and contributes to improved product quality.

Global Fiberglass Market Report Scope:

Historical Data – 2020 - 2021

Base Year for Estimation – 2022

Forecast period - 2023-2030

Report Coverage - Revenue forecast, Company Ranking, Competitive Landscape, Growth factors, and Trends

Segments Covered - Glass Type, Product, Application, Region

Regional Scope - North America; Europe; Asia Pacific; Latin America; Middle East & Africa

Customization Scope - Free report customization (equivalent up to 8 analyst's working hours) with purchase. Addition or alteration to country, regional & segment scope*

The objective of the study is to define market sizes of different segments & countries in recent years and to forecast the values to the coming years. The report is designed to incorporate both qualitative and quantitative aspects of the industry within countries involved in the study.

The report also caters detailed information about the crucial aspects such as driving factors & challenges which will define the future growth of the market. Additionally, it also incorporates potential opportunities in micro markets for stakeholders to invest along with the detailed analysis of competitive landscape and Glass Application offerings of key players. The detailed segments and sub-segment of the market are explained below:

By Glass Type:

E-Glass

Specialty

By Product:

Glass Wood

Yarn

Roving

Chopped Strands

Others

By Application:

Transportation

Building & Construction

Electrical & Electronics

Pipe & Tank

Consumer Goods

Wind Energy

Others

By Region:

North America

U.S.

Canada

Europe

UK

Germany

France

Spain

Italy

ROE

Asia Pacific

China

India

Japan

Australia

South Korea

RoAPAC

Latin America

Brazil

Mexico

Middle East & Africa

Saudi Arabia

South Africa

Rest of Middle East & Africa

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