

Saudi Arabia Fiberglass Market By Glass Type (A-Glass, C-Glass, D- Glass, E-Glass, S-Glass and Others), By Product Type (Glass Wool, Direct & Assembled Roving, Yarn, Chopped Strand), By Resin (Thermoset Resins and Thermoplastic Resins), By Application (Construction & Infrastructure, Automotive, Wind Energy, Electronics, Aerospace & Defense, Manufacturing, Marine, Others), By Region, Competition Forecast & Opportunities, 2018-2028F

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Abstracts

Saudi Arabia Fiberglass market is anticipated to grow at a robust CAGR in the forecast period.

Fiberglass, also known as fiberglass, is the name given to materials made from very thin glass wires that are melted from a mold. Fiberglass materials are made by melting and fusing molten glass through very small holes. is made. Due to its low thermal conductivity and high mechanical strength, many composite materials are made in combination with other chemicals and substances called glass fibers. Fiberglass or fiberglass is a reinforced plastic consisting of woven fabrics in which glass. Fiberglass is very strong, lightweight, and flexible and can be molded into many complex shapes making fiberglass an excellent building material choice. Fiberglass is mostly found in bathtubs, boats, planes, roofs, and other applications.

Fiberglass is impact resistant, corrosion resistant and has a moderately high strength to weight ratio.

Rise in Demand for Fiberglass from Construction Industry

In the construction industry, fiberglass is used for crack-proof nets such as interior walls, flooring, wall panels, self-adhesive drywall tape, and waterproof frits. In recent years, modern architecture has undergone a major resurgence, using modern materials using complementary techniques without compromising the stability and strength of the structures formed. The International Building Code (IBC) defines Fiber Reinforced Polymer (FRP) materials as part of their regulations. Therefore, apart from interior and special exterior applications, FRP can be used as a structural and building material for floors 4 and above. This is estimated to drive the optical fiber market.

In automotive industry, fiberglass is mainly used for front and rear bumpers, hoods, doors, and cases. Another application for this material is in toothed belts and V-belts. In this case, due to the high tear strength of fiberglass, the glass cord is impregnated with rubber as a reinforcement. Abrasion resistance is another advantage of fiberglass, which is why it is used in the manufacture brake pads and clutches. The clutch plates are reinforced with woven fiberglass to maintain the integrity of the composite material.

Latest Developments in Saudi Arabia Fiberglass Market

In 2021, Saudi Arabia opened IKK Mateen Bar, the first fiberglass rebar factory in Saudi Arabia. The launch of the facility is part of the Kingdom's efforts to attract and localize the steel industry. This is also in line with efforts to achieve the goals of Saudi Vision 2030, in terms of diversifying the national economy, promoting innovation in the Kingdom and strengthening Saudi Arabia's international relations.

Increasing cost of fiberglass is hampering the market growth

High production cost of glassfiber and its complicated recycling process are the key factors restraining the growth of the global glass fiber market to some extent. Proper disposal techniques are required to dispose of glass materials, along with masks and protective clothing for the physical safety of workers involved in the disposal process. Moreover, the availability of alternatives such as aluminum and carbon fiber is another factor restraining the growth of the global market. Carbon fiber is lighter, stronger, and more expensive, while aluminum is cheaper and more abundant than fiberglass. However, these elements are heavy compared to fiberglass.

Market Segmentation

Saudi Arabia Fiberglass market is segmented into Glass Type, Product Type, Resin and Application. Based on Glass Type, A-Glass, C-Glass, D-Glass, E-Glass, S-Glass, and Others. Based on Product Type, the market is segmented into Glass Wool, Direct & Assembled Roving, Yarn, and Chopped Strand. Based on Resin, the market is segmented into Thermoset Resins and Thermoplastic Resins. Based on Application, the market is segmented into Construction & Infrastructure, Automotive, Wind Energy, Electronics, Aerospace & Defense, Manufacturing, Marine, and Others.

Market player

Major market players in the Saudi Arabia Fiberglass market are Arabian Fiberglass Insulation Co., Ltd., Owens Corning, PPG Industries Inc., Taishan Fiberglass Inc., Chongqing Polycomp International Corp. (CPIC), Saad Othman co., Busubait Fiberglass, Saudi Arabian Amiantit Co., Fiber Glass Oasis Company, PFG Fiber Glass (Kunshan) Co. Ltd.

Report Scope:

In this report, Saudi Arabia Fiberglass Market has been segmented into the following categories, in addition to the industry trends which have also been detailed below:

Saudi Arabia Fiberglass Market, By Glass Type:

A-Glass

C-Glass

D- Glass

E-Glass

S-Glass

Others

Saudi Arabia Fiberglass Market, By Product Type:

Glass Wool

Direct & Assembled Roving

Yarn

Chopped Strand

Saudi Arabia Fiberglass Market, By Resin:

Thermoset Resins

Thermoplastic Resins

Saudi Arabia Fiberglass Market, By Application:

Construction & Infrastructure

Automotive

Wind Energy

Electronics

Aerospace & Defense

Manufacturing

Marine

Others

Saudi Arabia Fiberglass Market, By Region:

Makkah

Riyadh

Eastern Province

Rest of Saudi Arabia

Competitive Landscape

Company Profiles: Detailed analysis of the major companies present in the Saudi Arabia Fiberglass market.

Available Customizations:

Saudi Arabia Fiberglass market report with the given market data, Tech Sci Research offers customizations according to a company's specific needs. The following customization options are available for the report:

Company Information

Detailed analysis and profiling of additional market players.

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