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India Glass Fibres and Glass Woven Fabrics Market

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Description

According to our study, the India’s glass fibres and glass woven fabrics market was valued at USD 775.2 million in 2022 and is projected to reach USD 1342.76 million by 2030, exhibiting a CAGR of 7.16% during the forecast period 2023 - 2030. The growth of the market is attributed to the surge in demand for products in the construction industry due to increasing demand for homes and businesses as the rise in population in India, increasing demand for in automotive and transportation sectors and government initiatives globally to promote renewable energy and wind energy power project.

The research report highlights the growth potential of the India’s glass fibres and glass woven fabrics market. Glass fibres and glass woven fabrics is expected to show enormous growth in the future market in India. However, reducing costs, and supply chain optimization remain crucial for the widespread adoption of glass fibres and glass woven fabrics. Market players need to invest in research and development, forge strategic partnerships, and align their offerings with evolving consumer preferences to capitalize on the immense opportunities presented by the glass fibres and glass woven fabrics market.

Glass Fibres and glass woven fabrics is a type of fiber-reinforced plastic made using glass fiber It is non-toxic and non-flammable in its natural state. It is utilized in severe temperatures ranging from 80°C to 200°C. Its molecular structure might be linear, branched, or a combination of both, depending on the application. Temperature resistance, lubricity, wear resistance, and fluid volatility are all provided by glass fibres and glass woven fabrics.

Owens Corning, Jushi India Fiberglass Private Ltd., 3B-the Fibreglass Company, Montex Glass Fibre Industries Pvt. Ltd, Saint-Gobain India Pvt. Ltd., Mahavir Corporation, Hexcel Corporation, and BGF Industries, Inc. are the key players in the India Glass fibres and glass woven fabrics market. These manufacturers account for about 25% of the total India’s glass fibres and glass woven fabrics market and rest of market share are occupied by importers and their suppliers from China, Europe, and USA etc. West and Central India is the largest market with approximately 33% share, followed by North India and Sooth India with approximately 27% and 26% market share, respectively. Based on fiber type, E-glass segment captured the largest market share, 32.77%, in 2022 and is projected to reach USD 425.13 million by 2030. Based on fabric type, the woven segment accounted for the largest revenue share, 55.26%, in 2022 and is anticipated to generate USD 725.84 million by 2030. In terms of application, the building & construction segment captured the largest revenue share, 21.24%, in 2022 and is estimated to generate USD 272.39 million by 2030.

Key Features:

The report on India’s glass fibres and glass woven fabrics market reflects various aspects and provide valuable insights into the industry.

Market Size and Growth: The research report provide an overview of the current size and growth of the glass fibres and glass woven fabrics market. It may include historical data, market segmentation by fiber type, by fabrics, by application, and by region.
Market Drivers and Challenges: The report can identify and analyse the factors driving the growth of the glass fibres and glass woven fabrics are the increased utilization of glass fiber & woven fabrics within the automotive sector, and surging demand for glass fibre & fabrics from the aerospace industry. It can also highlight the challenges faced by the industry, including high cost of production, and emission of harmful substances into environment.
Competitive Landscape: The research report provides analysis of the competitive landscape within the India's glass fibres and glass woven fabrics market. It includes profiles of key players, their market share, investment analysis, and product offerings.
Technological Developments: The research report can delve into the latest technological developments in the glass fibres and glass woven fabrics industry. This include METYX Composites, a manufacturer of high-performance technical textiles based in Manisa, Turkey, gained accreditation for its multiaxial glass fibre fabric products to be used in drinking water pipes, Covestro, one of the world's leading polymer companies, introduced its first 3D printing material – a glass-fibre filled recycled polyethylene terephthalate (rPET) for 3D pellet printing and China Jushi Co., Ltd. has developed E9 ultra-high modulus glass fibre to fully support the development of large-scale and lightweight wind turbine blades.
Environmental Impact and Sustainability: The research report assess the environmental impact and sustainability aspects of the glass fibres and glass woven fabrics market.
Market Forecasts and Future Outlook: Based on the analysis conducted, the research report provide market forecasts and outlook for the glass fibres and glass woven fabrics industry in India. This includes projections of market size, growth rates, segmentation-wise growth rates, and predictions on technological advancements and policy developments.
Recommendations and Opportunities: The report conclude with recommendations for industry stakeholders, policymakers, and investors. It highlights potential opportunities for market players to capitalize on emerging trends, overcome challenges, and contribute to the growth and development of the glass fibres and glass woven fabrics market.
Market Segmentation:
Glass fibres and glass woven fabrics market is segmented by fiber type, by fabric type, and by application. For the period 2022-2030, the growth among segments provides accurate calculations and forecasts for market value by fiber type, by fabric type, and by application, in terms of value.
Segmentation by Fiber Type
E-Glass

A-Glass
C-Glass
D-Glass
S-Glass
Others
Segmentation by Fabric Type
Woven
Non-Woven
Segmentation by Application
Optical Fiber Cables
Wind Energy
Railways
Automotive
Marine
Aerospace and Defence
Building and Construction
Manufacturing
Chemical
Others
This Report also splits the Market by Region:
North India
West and Central India
South India
East India
The below companies that are profiled have been selected based on inputs gathered from primary experts and analyzing the company's coverage, product portfolio, its market penetration.
Owens Corning
Jushi India Fiberglass Private Ltd.
3B-the fibreglass company
Montex Glass Fibre Industries Pvt. Ltd
Saint-Gobain India Pvt. Ltd.
Mahavir Corporation
Hexcel Corporation
BGF Industries, Inc.
Key Questions Addressed in this Report
What Is the 7-Year Outlook for the India Glass Fibres and Glass Woven Fabrics Market?
What Factors Are Driving Glass Fibres and Glass Woven Fabrics Market Growth in India?
Which Technologies Are Poised For The Fastest Growth By Market?
How Do Glass Fibres And Glass Woven Fabrics Market Opportunities Vary By End User

Industry/Application?
How Does Glass Fibres And Glass Woven Fabrics Break Out Fabric Type, Fiber Type, and Application?

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About Niir

NIIR Project Consultancy Services (NPCS) is a reliable name in the industrial world for offering integrated technical consultancy services. Its various services are: Pre-feasibility study, New Project Identification, Project Feasibility and Market Study, Identification of Profitable Industrial Project Opportunities, Preparation of Project Profiles and Pre-Investment and Pre-Feasibility Studies, Market Surveys and Studies, Preparation of Techno-Economic Feasibility Reports, Identification and Selection of Plant and Machinery, Manufacturing Process and/or Equipment required, General Guidance, Technical and Commercial Counseling for setting up new industrial projects and industry. NPCS also publishes various technology books, directories, databases, detailed project reports, market survey reports on various industries and profit making business. Besides being used by manufacturers, industrialists, and entrepreneurs, our publications are also used by Indian and overseas professionals including project engineers, information services bureaus, consultants and consultancy firms as one of the inputs in their research.