

India Glass Fibres and Glass Woven Fabrics Market

Author: Ajay Kumar Gupta

Format: Paperback

ISBN: 9788195830497

Code: NI363

Pages: 98

Price: Rs. 175,230.00 **US\$** 3,500.00

Publisher: NIIR PROJECT CONSULTANCY SERVICES

Usually ships within **5** days

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 South 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?

Contents

1 Research Objective

Objective of the study

1.1 Product Overview

1.2 Market Scope

1.3 Analysis Period of the Study

1.4 Data Reporting Unit

1.5 Key Stakeholders

2 Research Methodology

2.1 Research Methodology

2.2 Regional Split of Primary & Secondary Research

2.3 Secondary Research

2.4 Primary Research

2.4.1 Breakdown of Primary Research Respondents, By Industry Participants

2.5 Market Size Estimation

2.6 Assumptions for the Study

3 Executive Summary

4 India Glass Fibres and Glass Woven Fabrics Market Overview

4.1 India Glass Fibres and Glass Woven Fabrics Market Size & Forecast

4.2 India Glass Fibres and Glass Woven Fabrics Market Size & Share Forecast, By Fibre Type

4.3 India Glass Fibres and Glass Woven Fabrics Market Size & Share Forecast, By Fabric Type

4.4 India Glass Fibres and Glass Woven Fabrics Market Size & Share Forecast, By Application

4.5 India Glass Fibres and Glass Woven Fabrics Market Size & Share Forecast, By Region

5 West and Central India Glass Fibres and Glass Woven Fabrics Market Overview

5.1 West and Central India Glass Fibres and Glass Woven Fabrics Market Size & Forecast

5.2 West and Central India Glass Fibres and Glass Woven Fabrics Market Size & Share Forecast, By Fibre Type

5.3 West and Central India Glass Fibres and Glass Woven Fabrics Market Size & Share Forecast, By Fabric Type

5.4 West and Central India Glass Fibres and Glass Woven Fabrics Market Size & Share Forecast, By Application

6 North India Glass Fibres and Glass Woven Fabrics Market Overview

6.1 North India Glass Fibres and Glass Woven Fabrics Market Size & Forecast

6.2 North India Glass Fibres and Glass Woven Fabrics Market Size & Share Forecast, By Fibre Type

6.3 North India Glass Fibres and Glass Woven Fabrics Market Size & Share Forecast, By Fabric Type

6.4 North India Glass Fibres and Glass Woven Fabrics Market Size & Share Forecast, By Application

7 South India Glass Fibres and Glass Woven Fabrics Market Overview

7.1 South India Glass Fibres and Glass Woven Fabrics Market Size & Forecast

7.2 South India Glass Fibres and Glass Woven Fabrics Market Size & Share Forecast, By Fibre Type

7.3 South India Glass Fibres and Glass Woven Fabrics Market Size & Share Forecast, By Fabric Type

7.4 South India Glass Fibres and Glass Woven Fabrics Market Size & Share Forecast, By Application

8 East India Glass Fibres and Glass Woven Fabrics Market Overview

8.1 East India Glass Fibres and Glass Woven Fabrics Market Size & Forecast

8.2 East India Glass Fibres and Glass Woven Fabrics Market Size & Share Forecast, By Fibre Type

8.3 East India Glass Fibres and Glass Woven Fabrics Market Size & Share Forecast, By Fabric Type

8.4 East India Glass Fibres and Glass Woven Fabrics Market Size & Share Forecast, By Application

9 Market Dynamics

9.1 Supply Chain Analysis

9.2 Drivers

9.2.1 Increased utilization of glass fibre & woven fabrics within automotive sector

9.2.2 Surging demand for glass fibre & fabrics from the aerospace industry

9.3 Limitations

9.3.1 High Cost of Production

9.3.2 Emission of Harmful Substances into Environment

9.4 Opportunities

9.4.1 Growing demand for Fibreglass Fabric in The Wind Energy Industry

9.4.2 Rise in Usage of Fiberglass Fabric in Telecom Industry

9.5 Trends

9.5.1 Increasing Demand for Light Weight Composites

9.6 Technological Landscape

9.7 Investment Analysis

9.8 Economic Impact Study on India Glass Fibres and Glass Woven Fabrics market

9.9 Covid-19 Impact on India Glass Fibres and Glass Woven Fabrics Market

9.10 Import-Export Analysis of Glass Fibres and Glass Woven Fabrics in India

9.10.1 Import (Value and Volume)

9.10.2 Exports (Value and Volume)

9.11 Porter's Five Forces Analysis

9.12 PESTEL Analysis

9.13 Company Market Share Analysis, 2022

9.14 Detailed Analysis of Factors Effecting Cost of Product

9.15 Market Share of Companies By Each Application

9.15.1 Optical Fiber Cables

9.15.2 Wind Energy

9.15.3 Railways

9.15.4 Automotive

9.15.5 Marine

9.15.6 Aerospace and Defence

9.15.7 Building and Construction

9.15.8 Manufacturing

10 Competitive Landscape

10.1 Company Profiles

10.1.1 Owens Corning

- 10.1.1.1 Business Overview
- 10.1.1.2 Group Financial Overview (USD Million)
- 10.1.1.3 Revenue by Business Segment, 2022
- 10.1.1.4 Revenue by Region, 2022
- 10.1.1.5 Key Glass Fibres and Glass Woven Fabrics Products
- 10.1.1.6 Recent Developments
- 10.1.1.7 Key Personnel
- 10.1.2 Jushi India Fiberglass Private Limited
 - 10.1.2.1 Business Overview
 - 10.1.2.2 Group Financial Overview (USD Million)
 - 10.1.2.3 Key Products
 - 10.1.2.4 Key Personnel
- 10.1.3 3B-The Fibreglass Company
 - 10.1.3.1 Business Overview
 - 10.1.3.2 Group Financial Overview (USD Million)
 - 10.1.3.3 Key Glass Fibres Products
 - 10.1.3.4 Key Personnel
- 10.1.4 Montex Glass Fibre Industries Pvt. Ltd
 - 10.1.4.1 Business Overview
 - 10.1.4.2 Financial Overview (USD Million)
 - 10.1.4.3 Key Glass Fibres Fabrics Products
 - 10.1.4.4 Key Personnel
- 10.1.5 Saint Gobain India Pvt Ltd
 - 10.1.5.1 Business Overview
 - 10.1.5.2 Financial Overview (USD Billion)
 - 10.1.5.3 Key Glass Fibres Fabrics Products
 - 10.1.5.4 Recent Developments
 - 10.1.5.5 Key Personnel
- 10.1.6 Mahavir Corporation
 - 10.1.6.1 Business Overview
 - 10.1.6.2 Key Glass Fiber Fabrics Products
 - 10.1.6.3 Key Personnel
- 10.1.7 Hexcel Corporation
 - 10.1.7.1 Business Overview
 - 10.1.7.2 Group Financial Overview (USD Million)
 - 10.1.7.3 Revenue by Business Segment, 2022
 - 10.1.7.4 Revenue by Region, 2022
 - 10.1.7.5 Key Glass Fiber Fabrics Products
 - 10.1.7.6 Key Personnel
- 10.1.8 BGF Industries, Inc.
 - 10.1.8.1 Business Overview
 - 10.1.8.2 Financial Overview (USD Million)
 - 10.1.8.3 Key Glass Fiber Fabrics Products
 - 10.1.8.4 Key Personnel

About NIIR

NIIR PROJECT CONSULTANCY SERVICES (NPCS) is a reliable name in the industrial world for offering integrated technical consultancy services. NPCS is manned by engineers, planners, specialists, financial experts, economic analysts and design specialists with extensive experience in the

related industries.

Our various services are: Detailed Project Report, Business Plan for Manufacturing Plant, Start-up Ideas, Business Ideas for Entrepreneurs, Start up Business Opportunities, entrepreneurship projects, Successful Business Plan, Industry Trends, Market Research, Manufacturing Process, Machinery, Raw Materials, project report, Cost and Revenue, Pre-feasibility study for Profitable Manufacturing Business, Project Identification, Project Feasibility and Market Study, Identification of Profitable Industrial Project Opportunities, Business Opportunities, Investment Opportunities for Most Profitable Business in India, Manufacturing Business Ideas, Preparation of Project Profile, Pre-Investment and Pre-Feasibility Study, Market Research Study, Preparation of Techno-Economic Feasibility Report, Identification and Section of Plant, Process, Equipment, General Guidance, Startup Help, Technical and Commercial Counseling for setting up new industrial project and Most Profitable Small Scale Business.

NPCS also publishes various process technology, technical, reference, self employment and startup books, directory, business and industry database, bankable detailed project report, market research report on various industries, small scale industry and profit making business. Besides being used by manufacturers, industrialists and entrepreneurs, our publications are also used by professionals including project engineers, information services bureau, consultants and project consultancy firms as one of the input in their research.

Our Detailed Project report aims at providing all the critical data required by any entrepreneur vying to venture into Project. While expanding a current business or while venturing into new business, entrepreneurs are often faced with the dilemma of zeroing in on a suitable product/line.

NIIR PROJECT CONSULTANCY SERVICES , 106-E, Kamla Nagar, New Delhi-110007, India. **Email:** npcs.india@gmail.com **Website:** NIIR.org

Sat, 07 Sep 2024 16:31:42 +0530