

Glass Fiber Reinforcements – A Global Market Overview

“The report reviews, analyzes and projects the global market for Glass Fiber Reinforcements for the period 2014-2024. The report explores the end-use applications of Glass Fiber Reinforcements comprising Automotive & Transportation, Marine, Wind Energy, Pipes, Tanks & Other Corrosion Resistant Equipment, Building & Construction, Electricals & Electronics, Consumer Goods, Aerospace & Defense and Others. This report also examines the market for Glass Fiber Reinforcements by product form such as Single-end Rovings, Multi-end Rovings, Woven Rovings, Chopped Strands, Chopped Strand Mat (CSM), Continuous Filament Mat (CFM), Fabrics and Other applications for global, regional and country level markets.”

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Report Synopsis

Wind energy remains one of the most important and dynamic end markets served by the glass fiber composites industry. The wind energy sector is one of the most promising alternative energy sources in the world and expected to record double digit growths in the future. Regulations and standards around the globe such as CAFE in the US and carbon emission targets in Europe, are driving increased usage of glass fiber reinforcements in automobiles to reduce weight and CO2 emissions. Further, renewed growth in worldwide construction activities and demand for corrosion resistance applications such as pipes and tanks from oil & gas and water supply sectors, are key drivers for growth in glass fiber reinforcements.

Driven by growth in the key application areas such as automotive, pipes & tanks, construction and wind energy, the global glass fiber reinforcements market is projected to reach US\$12 billion, reflecting CAGR of 5.1% during 2017-2024 analysis period. The market is anticipated to record lower growth in value demand compared to volume consumption during the above period due to decline in average prices of glass fiber reinforcements worldwide because of overcapacity, mainly in China.

- Glass Fiber Composites Demand Increasing in Construction Industry
- Key business trends focusing on product innovations/developments, M&As, JVs and other recent industry developments
- Major companies profiled – 70 while an in-depth analysis carried out for production capacities globally
- The industry guide includes the contact details for 109 companies engaged in the manufacturing and supply of glass fiber reinforcements and their downstream products such as fabrics, prepregs etc.

Product Outline

The report analyzes the market for product segments of Glass Fiber Reinforcements including:

- Single-end Rovings
- Multi-end Rovings
- Woven Rovings
- Chopped Strands
- Chopped Strand Mat (CSM)
- Continuous Filament Mat (CFM)
- Fabrics
- Others

Application areas of Glass Fiber Reinforcements analyzed comprise the following:

- Automotive & Transportation
- Marine
- Wind Energy
- Pipes & Tanks
- Building & Construction
- Electricals & Electronics
- Consumer Goods
- Aerospace & Defense
- Other Applications

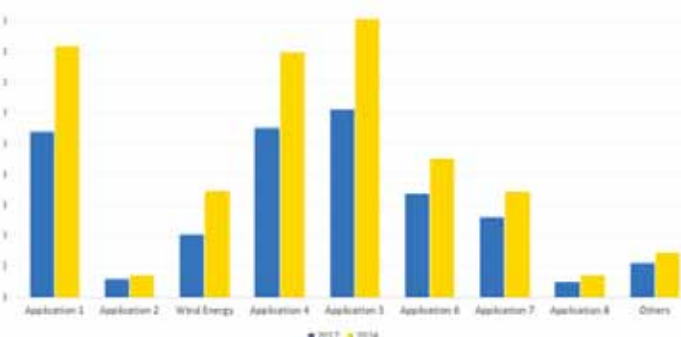
Analysis Period & Units

- The report reviews, analyzes and projects the global Glass Fiber Reinforcements market for the period 2014-2024 in terms of volume in metric tons and value in US\$ and the compound annual growth rates (CAGRs) projected from 2017 through 2024

Geographic Coverage

- **North America** (*The United States and Canada*)
- **Europe** (*Germany, France, Italy, Spain, The United Kingdom and other EU-27 countries*)
- **Asia-Pacific** (*China, Japan, India, South Korea and Rest of Asia-Pacific*)
- **Rest of World** (*Russia, Brazil, Turkey and others*)

Global Glass Fiber Reinforcements Market by End-Use Application in 000' MTs



Source: Industry Experts, Inc. <http://industry-experts.com>

Research Findings & Coverage

- The global market for Glass Fiber Reinforcements is analyzed in this report with respect to key product segments and major application areas
- All major application areas are exclusively discussed in detail with future projections
- Demand for Glass Fiber Reinforcements Being Propelled by Wind Energy
- Factors Fueling Automotive & Transportation Industry's Wider Adoption of Glass Fibers

SAMPLE COMPANY PROFILE

CHINA JUSHI GROUP CO., LTD. (CHINA)

669 South China Wen Road,
Tongxiang Economic Development Zone 314500, China
Phone: 86-573-88181222, Fax: 86-573-88181001
Website: www.jushi.com

Business Overview

China Jushi Co., Ltd., a core enterprise in the fiberglass division of China National Building Material Co., Ltd. (CNBM), is engaged in producing and selling fiberglass and allied fabrics. The company ranks as the largest enterprise in the new material industry of China. In addition to globally innovative oxy-fuel combustion technology, the company has developed proprietary technologies to design and construct large E-glass fiber furnaces, C-glass fiber furnaces, and eco-friendly waster fiber recycling furnaces. The company has established three manufacturing facilities in Tongxiang, Jiujiang, and Chengdu; one overseas manufacturing facility in Egypt, and 13 glass fiber production lines with the total annual capacity of over 1.1 million tons. The company has also established a global sales network by setting up companies in Canada, France, India, Italy, Singapore, and South Africa. The product line offered by the company encompasses E-glass and E6CR-glass rovings, chopped strands, powder and emulsion chopped strand mats, and woven rovings with over 20 categories and up to 1000 specifications. These products are distributed extensively domestically and internationally in North America, Middle East, Europe, Southeast Asia, and Africa.

Product Portfolio

- Direct Roving for CFRT, Filament Winding, LFT, Pultrusion, and Weaving
- Assembled Roving for Centrifugal Casting, Chopping, CSM, Filament Winding, GMT (E-Glass Assembled Roving for GMT), Gypsum, Long Fiber Injection (E-glass LFI roving), SMC, and Spray-up
- High performance Compofil® - a high performance roving made of interwound continuous glass fiber and thermoplastic fiber used to manufacture thermoplastic composites directly with no need for extra resin
- Jushi Milled Glass Fiber - made from E-glass, designed for reinforcement of thermoset resins, thermoplastic resin, and for painting applications
- E-Glass Woven Roving - bidirectional fabric made by interweaving direct rovings, compatible with unsaturated polyester, vinly ester, epoxy and phenolic resins
- E-Glass Texturized Roving - used to produce thermal insulation and acoustic insulation products, compatible with PF, EP and UP resins
- Wet Chopped Strands - compatible with unsaturated polyester, epoxy and phenolic resins and gypsum
- E-Glass Chopped Strands for Thermoplastics
- E-Glass Emulsion Chopped Strand Mat - compatible with UP, VE, EP resins; roll width ranges from 50 mm to 1270 mm
- Assembled Panel Roving
- E-Glass Powder Chopped Strand Mat - made of randomly distributed chopped strands held together by a powder binder; compatible with UP, VE, EP, PF resins; roll width ranges from 50mm to 3120mm
- Chopped Strands for BMC

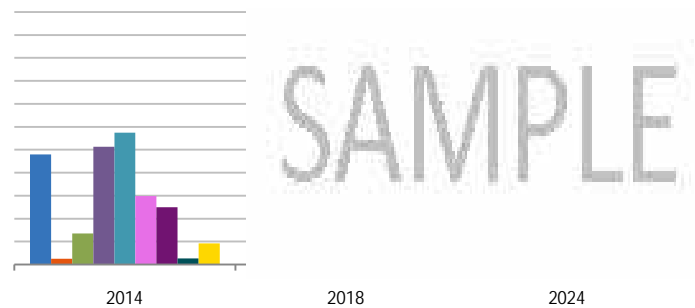
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SAMPLE TABLE/CHART

Glance at 2018 Global Glass Fiber Reinforcements Market Share (%) by Geographic Region - North America, Europe, Asia-Pacific and Rest of World



Asia-Pacific Glass Fiber Reinforcements Market Analysis (2014-2024) by End-Use Application – Automotive & Transportation, Marine, Wind Energy, Pipes & Tanks, Building & Construction, Electricals & Electronics, Consumer Goods, Aerospace & Defense and Other in Thousand Metric Tons



KEY PLAYERS PROFILED

- 3B-The Fibreglass Company
- AGY Holding Corp.
- BrajBinani Group - Goa Glass Fibre Limited
- Cam ElyafSanayii A.S. (SISECAM Group)
- China Jushi Group Co., Ltd.
- Chongqing Polycomp International Corporation (CPIC)
- Chongqing Sanlei Glass Fiber Co., Ltd.
- CPIC Abahsain Fiberglass W.L.L.
- Eastern Industrial Company (EICO)
- Jiangsu Changhai Composite Materials Co., Ltd.
- Johns Manville Corporation
- JSC "Polotsk-Steklovolochno"
- KCC Corporation
- Lanxess AG
- Nippon Electric Glass Co., Ltd.
- Owens Corning
- P-D Glasseiden GmbH Oschatz
- PFG Fiber Glass Corporation
- Saint-Gobain S.A
- Shandong Fiberglass Group Co., Ltd.
- SinomaJinjing Fiberglass Co., Ltd.
- Taishan Fiberglass Inc.
- XingtaiJinniu Fiberglass Co., Ltd.

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About Industry Experts

Industry Experts' market research, backed by years of experience and an analytical team dedicated to providing the most optimal business solutions, has been specifically designed to provide a variety of benefits, both current and future. Our leading-edge publications make the life easy for corporate strategists, investors, analysts and researchers, startups, consultants, financial and banking executives, academicians and many more. The company also provides customized research reports to cater the needs of the industry.

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