

Global Glass Fiber Reinforced Plastic Composite Material Market Report and Forecast 2024-2032

Market Report | 2023-12-15 | 196 pages | EMR Inc.

AVAILABLE LICENSES:

- Single User License \$2999.00
- Five User License \$3999.00
- Corporate License \$4999.00

Report description:

Global Glass Fiber Reinforced Plastic Composite Material Market Report and Forecast 2024-2032

Market Outlook

According to the report by Expert Market Research (EMR), the global glass fiber reinforced plastic composite material market is projected to grow at a CAGR of 6.30% between 2024 and 2032. Aided by the soaring demand from the automotive, construction, and aerospace sectors, coupled with the material's superior attributes such as strength, flexibility, and corrosion resistance, the market is expected to grow significantly by 2032.

Glass fiber reinforced plastic, a composite material made of a polymer matrix reinforced with glass fibers, has gained considerable traction in diverse industries, primarily due to its unparalleled mechanical strength, lightweight properties, and resistance to environmental factors. Moreover, the GFRP's adaptability in terms of design and moulding further accentuates its market appeal. One of the dominant driving factors of the global glass fiber reinforced plastic composite material market growth is its increasing adoption in the automotive industry. As manufacturers are perpetually seeking ways to produce vehicles that are both fuel-efficient and environmentally friendly, there's been a notable shift towards lightweight materials. GFRP, with its weight-saving properties, facilitates improved fuel efficiency and reduced greenhouse gas emissions, making it an ideal choice in automobile manufacturing.

As per the glass fiber reinforced plastic composite material market analysis, in the realm of construction, GFRP is making significant inroads. With urbanisation on the rise, the need for durable and sustainable construction materials has never been more pronounced. GFRP, due to its resistance to corrosion and its longevity, has become a preferred choice for infrastructure projects, including bridges, water treatment plants, and commercial establishments.

The aerospace industry, renowned for its stringent standards, has also recognised the potential of GFRP. With its high strength-to-weight ratio, GFRP composites are increasingly used in aircraft components, offering benefits such as weight reduction, enhanced performance, and increased fuel efficiency and further add value to the glass fiber reinforced plastic composite material market size.

Apart from the aforementioned sectors, GFRP's intrinsic properties, such as its electrical insulation capability, are also boosting its

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

uptake in the electrical and electronics industry. Its non-conductive nature makes it an essential material in electrical housings and other related applications. Additionally, ongoing research and technological advancements, focused on enhancing the properties of GFRP, are expected to pave the way for more innovations and expanded applications and propel the glass fiber reinforced plastic composite material market demand.

Market Segmentation □

The market can be divided based on type, process, application, and region.

Market Breakup by Type

- Polyester
- Vinyl Ester
- Epoxy
- Polyurethane
- Others

Market Breakup by Process

- Polyurethane
- Compression Moulding
- Continuous Process
- Injection Moulding

Market Breakup by Application

- Automotive
- Aerospace and Defence
- Energy
- Construction and Infrastructure
- Electrical and Electronics
- Marine
- Others

Market Breakup by Region

- North America
- Europe
- Asia Pacific
- Latin America
- Middle East and Africa

Competitive Landscape

The EMR report looks into the market shares, plant turnarounds, capacities, investments, and mergers and acquisitions, among other major developments, of the leading companies operating in the global glass fiber reinforced plastic composite material market. Some of the major players explored in the report by Expert Market Research are as follows:

- Owens Corning
- Saint-Gobain
- China Jushi Co., Ltd
- Nippon Sheet Glass Co., Ltd
- Asahi Kasei Corporation
- Nitto Boseki Co., Ltd.
- Taishan Fiberglass Inc. (CTG)
- Others

About Us

Acquire unparalleled access to critical industry insights with our comprehensive market research reports, meticulously prepared

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

by a team of seasoned experts. These reports are designed to equip decision-makers with an in-depth understanding of prevailing market trends, competitive landscapes, and growth opportunities.

Our high-quality, data-driven analyses provide the essential framework for organisations seeking to make informed and strategic decisions in an increasingly complex and rapidly evolving business environment. By investing in our market research reports, you can ensure your organisation remains agile, proactive, and poised for success in today's competitive market.

Don't miss the opportunity to elevate your business intelligence and fortify your strategic planning. Secure your organisation's future success by acquiring one of our Expert Market Research reports today.

*We at Expert Market Research always strive to provide you with the latest information. The numbers in the article are only indicative and may be different from the actual report.

Table of Contents:

- 1 Preface
- 2 Report Coverage - Key Segmentation and Scope
- 3 Report Description
 - 3.1 Market Definition and Outlook
 - 3.2 Properties
 - 3.3 Market Analysis
 - 3.4 Key Players
- 4 Key Assumptions
- 5 Executive Summary
 - 5.1 Overview
 - 5.2 Key Drivers
 - 5.3 Key Developments
 - 5.4 Competitive Structure
 - 5.5 Key Industrial Trends
- 6 Market Snapshot
 - 6.1 Global
 - 6.2 Regional
- 7 Industry Opportunities and Challenges
- 8 Global Glass Fiber Reinforced Plastic Composite Material Market Analysis
 - 8.1 Key Industry Highlights
 - 8.2 Global Glass Fiber Reinforced Plastic Composite Material Historical Market (2018-2023)
 - 8.3 Global Glass Fiber Reinforced Plastic Composite Material Market Forecast (2024-2032)
 - 8.4 Global Glass Fiber Reinforced Plastic Composite Material Market by Type
 - 8.4.1 Polyester
 - 8.4.1.1 Market Share
 - 8.4.1.2 Historical Trend (2018-2023)
 - 8.4.1.3 Forecast Trend (2024-2032)
 - 8.4.2 Vinyl Ester
 - 8.4.2.1 Market Share
 - 8.4.2.2 Historical Trend (2018-2023)
 - 8.4.2.3 Forecast Trend (2024-2032)
 - 8.4.3 Epoxy
 - 8.4.3.1 Market Share
 - 8.4.3.2 Historical Trend (2018-2023)

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

- 8.4.3.3 Forecast Trend (2024-2032)
- 8.4.4 Polyurethane
 - 8.4.4.1 Market Share
 - 8.4.4.2 Historical Trend (2018-2023)
 - 8.4.4.3 Forecast Trend (2024-2032)
- 8.4.5 Others
- 8.5 Global Glass Fiber Reinforced Plastic Composite Material Market by Process
 - 8.5.1 Manual Process
 - 8.5.1.1 Market Share
 - 8.5.1.2 Historical Trend (2018-2023)
 - 8.5.1.3 Forecast Trend (2024-2032)
 - 8.5.2 Compression Moulding
 - 8.5.2.1 Market Share
 - 8.5.2.2 Historical Trend (2018-2023)
 - 8.5.2.3 Forecast Trend (2024-2032)
 - 8.5.3 Continuous Process
 - 8.5.3.1 Market Share
 - 8.5.3.2 Historical Trend (2018-2023)
 - 8.5.3.3 Forecast Trend (2024-2032)
 - 8.5.4 Injection Moulding
 - 8.5.4.1 Market Share
 - 8.5.4.2 Historical Trend (2018-2023)
 - 8.5.4.3 Forecast Trend (2024-2032)
- 8.6 Global Glass Fiber Reinforced Plastic Composite Material Market by Application
 - 8.6.1 Automotive
 - 8.6.1.1 Market Share
 - 8.6.1.2 Historical Trend (2018-2023)
 - 8.6.1.3 Forecast Trend (2024-2032)
 - 8.6.2 Aerospace and Defence
 - 8.6.2.1 Market Share
 - 8.6.2.2 Historical Trend (2018-2023)
 - 8.6.2.3 Forecast Trend (2024-2032)
 - 8.6.3 Energy
 - 8.6.3.1 Market Share
 - 8.6.3.2 Historical Trend (2018-2023)
 - 8.6.3.3 Forecast Trend (2024-2032)
 - 8.6.4 Construction and Infrastructure
 - 8.6.4.1 Market Share
 - 8.6.4.2 Historical Trend (2018-2023)
 - 8.6.4.3 Forecast Trend (2024-2032)
 - 8.6.5 Electrical and Electronics
 - 8.6.5.1 Market Share
 - 8.6.5.2 Historical Trend (2018-2023)
 - 8.6.5.3 Forecast Trend (2024-2032)
 - 8.6.6 Marine
 - 8.6.6.1 Market Share
 - 8.6.6.2 Historical Trend (2018-2023)

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

- 8.6.6.3 Forecast Trend (2024-2032)
- 8.6.7 Others
- 8.7 Global Glass Fiber Reinforced Plastic Composite Material Market by Region
 - 8.7.1 North America
 - 8.7.1.1 Market Share
 - 8.7.1.2 Historical Trend (2018-2023)
 - 8.7.1.3 Forecast Trend (2024-2032)
 - 8.7.2 Europe
 - 8.7.2.1 Market Share
 - 8.7.2.2 Historical Trend (2018-2023)
 - 8.7.2.3 Forecast Trend (2024-2032)
 - 8.7.3 Asia Pacific
 - 8.7.3.1 Market Share
 - 8.7.3.2 Historical Trend (2018-2023)
 - 8.7.3.3 Forecast Trend (2024-2032)
 - 8.7.4 Latin America
 - 8.7.4.1 Market Share
 - 8.7.4.2 Historical Trend (2018-2023)
 - 8.7.4.3 Forecast Trend (2024-2032)
 - 8.7.5 Middle East and Africa
 - 8.7.5.1 Market Share
 - 8.7.5.2 Historical Trend (2018-2023)
 - 8.7.5.3 Forecast Trend (2024-2032)
- 9 North America Glass Fiber Reinforced Plastic Composite Material Market Analysis
 - 9.1 United States of America
 - 9.1.1 Market Share
 - 9.1.2 Historical Trend (2018-2023)
 - 9.1.3 Forecast Trend (2024-2032)
 - 9.2 Canada
 - 9.2.1 Market Share
 - 9.2.2 Historical Trend (2018-2023)
 - 9.2.3 Forecast Trend (2024-2032)
- 10 Europe Glass Fiber Reinforced Plastic Composite Material Market Analysis
 - 10.1 United Kingdom
 - 10.1.1 Market Share
 - 10.1.2 Historical Trend (2018-2023)
 - 10.1.3 Forecast Trend (2024-2032)
 - 10.2 Germany
 - 10.2.1 Market Share
 - 10.2.2 Historical Trend (2018-2023)
 - 10.2.3 Forecast Trend (2024-2032)
 - 10.3 France
 - 10.3.1 Market Share
 - 10.3.2 Historical Trend (2018-2023)
 - 10.3.3 Forecast Trend (2024-2032)
 - 10.4 Italy
 - 10.4.1 Market Share

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

- 10.4.2 Historical Trend (2018-2023)
- 10.4.3 Forecast Trend (2024-2032)
- 10.5 Others
- 11 Asia Pacific Glass Fiber Reinforced Plastic Composite Material Market Analysis
 - 11.1 China
 - 11.1.1 Market Share
 - 11.1.2 Historical Trend (2018-2023)
 - 11.1.3 Forecast Trend (2024-2032)
 - 11.2 Japan
 - 11.2.1 Market Share
 - 11.2.2 Historical Trend (2018-2023)
 - 11.2.3 Forecast Trend (2024-2032)
 - 11.3 India
 - 11.3.1 Market Share
 - 11.3.2 Historical Trend (2018-2023)
 - 11.3.3 Forecast Trend (2024-2032)
 - 11.4 ASEAN
 - 11.4.1 Market Share
 - 11.4.2 Historical Trend (2018-2023)
 - 11.4.3 Forecast Trend (2024-2032)
 - 11.5 Australia
 - 11.5.1 Market Share
 - 11.5.2 Historical Trend (2018-2023)
 - 11.5.3 Forecast Trend (2024-2032)
 - 11.6 Others
- 12 Latin America Glass Fiber Reinforced Plastic Composite Material Market Analysis
 - 12.1 Brazil
 - 12.1.1 Market Share
 - 12.1.2 Historical Trend (2018-2023)
 - 12.1.3 Forecast Trend (2024-2032)
 - 12.2 Mexico
 - 12.2.1 Market Share
 - 12.2.2 Historical Trend (2018-2023)
 - 12.2.3 Forecast Trend (2024-2032)
 - 12.3 Argentina
 - 12.3.1 Market Share
 - 12.3.2 Historical Trend (2018-2023)
 - 12.3.3 Forecast Trend (2024-2032)
 - 12.4 Others
- 13 Middle East and Africa Glass Fiber Reinforced Plastic Composite Material Market Analysis
 - 13.1 Saudi Arabia
 - 13.1.1 Market Share
 - 13.1.2 Historical Trend (2018-2023)
 - 13.1.3 Forecast Trend (2024-2032)
 - 13.2 United Arab Emirates
 - 13.2.1 Market Share
 - 13.2.2 Historical Trend (2018-2023)

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

- 13.2.3 Forecast Trend (2024-2032)
- 13.3 Nigeria
 - 13.3.1 Market Share
 - 13.3.2 Historical Trend (2018-2023)
 - 13.3.3 Forecast Trend (2024-2032)
- 13.4 South Africa
 - 13.4.1 Market Share
 - 13.4.2 Historical Trend (2018-2023)
 - 13.4.3 Forecast Trend (2024-2032)
- 13.5 Others
- 14 Market Dynamics
 - 14.1 SWOT Analysis
 - 14.1.1 Strengths
 - 14.1.2 Weaknesses
 - 14.1.3 Opportunities
 - 14.1.4 Threats
 - 14.2 Porter's Five Forces Analysis
 - 14.2.1 Supplier's Power
 - 14.2.2 Buyer's Power
 - 14.2.3 Threat of New Entrants
 - 14.2.4 Degree of Rivalry
 - 14.2.5 Threat of Substitutes
 - 14.3 Key Indicators for Demand
 - 14.4 Key Indicators for Price
- 15 Competitive Landscape
 - 15.1 Market Structure
 - 15.2 Company Profile
 - 15.2.1 Owens Corning
 - 15.2.1.1 Company Overview
 - 15.2.1.2 Product Portfolio
 - 15.2.1.3 Demographic Reach and Achievements
 - 15.2.1.4 Certifications
 - 15.2.2 Saint-Gobain
 - 15.2.2.1 Company Overview
 - 15.2.2.2 Product Portfolio
 - 15.2.2.3 Demographic Reach and Achievements
 - 15.2.2.4 Certifications
 - 15.2.3 China Jushi Co., Ltd
 - 15.2.3.1 Company Overview
 - 15.2.3.2 Product Portfolio
 - 15.2.3.3 Demographic Reach and Achievements
 - 15.2.3.4 Certifications
 - 15.2.4 Nippon Sheet Glass Co., Ltd
 - 15.2.4.1 Company Overview
 - 15.2.4.2 Product Portfolio
 - 15.2.4.3 Demographic Reach and Achievements
 - 15.2.4.4 Certifications

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

- 15.2.5 Asahi Kasei Corporation
 - 15.2.5.1 Company Overview
 - 15.2.5.2 Product Portfolio
 - 15.2.5.3 Demographic Reach and Achievements
 - 15.2.5.4 Certifications
- 15.2.6 Nitto Boseki Co., Ltd.
 - 15.2.6.1 Company Overview
 - 15.2.6.2 Product Portfolio
 - 15.2.6.3 Demographic Reach and Achievements
 - 15.2.6.4 Certifications
- 15.2.7 Taishan Fiberglass Inc.(CTG)
 - 15.2.7.1 Company Overview
 - 15.2.7.2 Product Portfolio
 - 15.2.7.3 Demographic Reach and Achievements
 - 15.2.7.4 Certifications

15.2.8 Others

16 Key Trends and Developments in the Market

List of Figures and Tables

1. Global Glass Fiber Reinforced Plastic Composite Material Market: Key Industry Highlights, 2018 and 2032
2. Global Glass Fiber Reinforced Plastic Composite Material Historical Market: Breakup by Type (USD Million), 2018-2023
3. Global Glass Fiber Reinforced Plastic Composite Material Market Forecast: Breakup by Type (USD Million), 2024-2032
4. Global Glass Fiber Reinforced Plastic Composite Material Historical Market: Breakup by Process (USD Million), 2018-2023
5. Global Glass Fiber Reinforced Plastic Composite Material Market Forecast: Breakup by Process (USD Million), 2024-2032
6. Global Glass Fiber Reinforced Plastic Composite Material Historical Market: Breakup by Application (USD Million), 2018-2023
7. Global Glass Fiber Reinforced Plastic Composite Material Market Forecast: Breakup by Application (USD Million), 2024-2032
8. Global Glass Fiber Reinforced Plastic Composite Material Historical Market: Breakup by Distribution Channels (USD Million), 2018-2023
9. Global Glass Fiber Reinforced Plastic Composite Material Market Forecast: Breakup by Distribution Channels (USD Million), 2024-2032
10. Global Glass Fiber Reinforced Plastic Composite Material Historical Market: Breakup by Region (USD Million), 2018-2023
11. Global Glass Fiber Reinforced Plastic Composite Material Market Forecast: Breakup by Region (USD Million), 2024-2032
12. North America Glass Fiber Reinforced Plastic Composite Material Historical Market: Breakup by Country (USD Million), 2018-2023
13. North America Glass Fiber Reinforced Plastic Composite Material Market Forecast: Breakup by Country (USD Million), 2024-2032
14. Europe Glass Fiber Reinforced Plastic Composite Material Historical Market: Breakup by Country (USD Million), 2018-2023
15. Europe Glass Fiber Reinforced Plastic Composite Material Market Forecast: Breakup by Country (USD Million), 2024-2032
16. Asia Pacific Glass Fiber Reinforced Plastic Composite Material Historical Market: Breakup by Country (USD Million), 2018-2023
17. Asia Pacific Glass Fiber Reinforced Plastic Composite Material Market Forecast: Breakup by Country (USD Million), 2024-2032
18. Latin America Glass Fiber Reinforced Plastic Composite Material Historical Market: Breakup by Country (USD Million), 2018-2023
19. Latin America Glass Fiber Reinforced Plastic Composite Material Market Forecast: Breakup by Country (USD Million), 2024-2032
20. Middle East and Africa Glass Fiber Reinforced Plastic Composite Material Historical Market: Breakup by Country (USD Million), 2018-2023
21. Middle East and Africa Glass Fiber Reinforced Plastic Composite Material Market Forecast: Breakup by Country (USD Million), 2024-2032

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

2024-2032

22. Global Glass Fiber Reinforced Plastic Composite Material Market Structure

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

**Global Glass Fiber Reinforced Plastic Composite Material Market Report and Forecast
2024-2032**

Market Report | 2023-12-15 | 196 pages | EMR Inc.

To place an Order with Scotts International:

- Print this form
- Complete the relevant blank fields and sign
- Send as a scanned email to support@scotts-international.com

ORDER FORM:

Select license	License	Price
	Single User License	\$2999.00
	Five User License	\$3999.00
	Corporate License	\$4999.00
		VAT
		Total

*Please circle the relevant license option. For any questions please contact support@scotts-international.com or 0048 603 394 346.

** VAT will be added at 23% for Polish based companies, individuals and EU based companies who are unable to provide a valid EU Vat Numbers.

Email*	<input type="text"/>	Phone*	<input type="text"/>
First Name*	<input type="text"/>	Last Name*	<input type="text"/>
Job title*	<input type="text"/>		
Company Name*	<input type="text"/>	EU Vat / Tax ID / NIP number*	<input type="text"/>
Address*	<input type="text"/>	City*	<input type="text"/>
Zip Code*	<input type="text"/>	Country*	<input type="text"/>
		Date	<input type="text" value="2026-02-22"/>
		Signature	

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

