

Fiber Reinforced Polymer (FRP) Composites Market Analysis By Fiber Type (Glass, Carbon, Basalt, Aramid), By Application (Automotive, Construction, Electronic, Defense), By Region, And Segment Forecasts, 2014 - 2025

<https://marketpublishers.com/r/F93632BFE7BEN.html>

Date: October 2017

Pages: 95

Price: US\$ 5,950.00 (Single User License)

ID: F93632BFE7BEN

Abstracts

This report can be delivered to the clients within 24 Business Hours

The global fiber reinforced polymer (FRP) composites market is anticipated to reach USD 282.9 billion by 2025, according to a new report by Grand View Research, Inc. Numerous properties such as strength, flexibility, conductivity, and low cost offered by FRP products are anticipated to boost the industry growth over the forecast period.

The global players present in the market are collaborating with research agencies for developing new & improved synthetic and natural fiber-based reinforced polymer to gain a competitive edge over other companies. The players are also trying to develop new manufacturing techniques to reduce the production cost and increase production capacity.

Glass fiber reinforced polymer (GFRP) composites dominated the overall market with over 65% market share in 2016. The product is relatively cheaper and can be economically fabricated using different manufacturing techniques. GFRP is preferred over other FRP composites in applications or products that require high conductivity.

Basalt FRP composites market is expected to grow at a steady rate over the forecast period. Basalt is found in volcanic rocks, which originate from the frozen molten rock. They have better tensile strength in comparison to GFRP composites. Basalt fibers replace glass fibers owing to their high strength in the engineering and transport

applications.

Further key findings from the report suggest:

The global fiber reinforced polymer (FRP) composites industry was valued at USD 114.13 billion in 2016. The market is anticipated to reach USD 282.97 billion by 2025, denoting a CAGR of 10.7% from 2017 to 2025.

Automotive segment dominated the overall industry in 2016 owing to various advantages provided by the product such as low weight & cost and enhanced mechanical properties

Construction segment was ranked at the second position in 2016 owing to various mechanical properties such as strength and corrosion resistance offered by the product

North America and Europe together dominated the global FRP composites market in 2016

Asia Pacific is expected to be the fastest-growing region, grabbing over 20% of the overall industry share by 2025. The region is projected to denote a CAGR of 11.5% over the forecast period.

The industry is highly competitive in nature with the presence of several global players

Some of the key players operating in the industry are American Fiberglass Rebar; American Grating, LLC; Engineered Composites Ltd; B&B FRP Manufacturing Inc.; TUF-BAR; FRP Composites Inc.; Ten Cate NV; Zoltek Companies, Inc.; Hyosung Corporation; Mitsubishi Rayon Co., Ltd.; SGL Group; and DowAksa

Contents

CHAPTER 1 METHODOLOGY AND SCOPE

- 1.1 Research methodology
- 1.2 Research scope & assumptions
- 1.3 List of data sources

CHAPTER 2 EXECUTIVE SUMMARY

- 2.1 Fiber reinforced polymer (FRP) composites market - Industry snapshot, 2016

CHAPTER 3 FRP COMPOSITES MARKET VARIABLES, TRENDS, AND SCOPE

- 3.1 Market segmentation & scope
- 3.2 Market size and growth prospects, 2014 - 2025
- 3.3 Value chain analysis
- 3.4 Market dynamics
 - 3.4.1 Market driver analysis
 - 3.4.2 Market restraint analysis
- 3.5 Key market opportunities
- 3.6 Industry analysis - Porter's
- 3.7 PESTEL analysis

CHAPTER 4 FRP COMPOSITES MARKET: FIBER TYPE ESTIMATES & TREND ANALYSIS

- 4.1 FRP composites Market: Fiber Type Movement Analysis, 2016 & 2025
- 4.2 Glass Fiber Reinforced Polymer (GFRP) Composites
 - 4.2.1 Market estimates and forecasts, from GFRP composites, 2014 - 2025 (Kilotons) (USD Million)
- 4.3 Carbon Fiber Reinforced Polymer (CFRP) Composites
 - 4.3.1 Market estimates and forecasts, from CFRP composites, 2014 - 2025 (Kilotons) (USD Million)
- 4.4 Basalt Fiber Reinforced Polymer Composites
 - 4.4.1 Market estimates and forecasts, from BFRP composites, 2014 - 2025 (Kilotons) (USD Million)
- 4.5 Aramid Fiber Reinforced Polymer (AFRP) Composites
 - 4.5.1 Market estimates and forecasts, from AFRP composites, 2014 - 2025 (Kilotons)

(USD Million)

4.6 Other

4.6.1 Market estimates and forecasts, from other composites, 2014 - 2025 (Kilotons)

(USD Million)

CHAPTER 5 FRP COMPOSITES MARKET: APPLICATION ESTIMATES & TREND ANALYSIS

5.1 FRP Composites Market: Application Movement Analysis, 2016 & 2025

5.2 Automotive

5.2.1 Market estimates and forecasts, in automotive, 2014 - 2025 (Kilotons) (USD Million)

5.3 Construction

5.3.1 Market estimates and forecasts, in construction, 2014 - 2025 (Kilotons) (USD Million)

5.4 Electronic

5.4.1 Market estimates and forecasts, in electronic , 2014 - 2025 (Kilotons) (USD Million)

CHAPTER 6 FRP COMPOSITES MARKET: REGIONAL ESTIMATES & TREND ANALYSIS

6.1 FRP Composites Market: Regional Movement Analysis, 2016 & 2025

6.1.1 North America

6.1.1.1 Market estimates and forecasts, by fiber type (Kilotons) (USD million)

6.1.1.2 Market estimates and forecasts, by application (Kilotons) (USD million)

6.1.1.3 U.S.

6.1.1.3.1 Market estimates and forecasts, by fiber type (Kilotons) (USD million)

6.1.1.3.2 Market estimates and forecasts, by application (Kilotons) (USD million)

6.1.2 Europe

6.1.2.1 Market estimates and forecasts, by fiber type (Kilotons) (USD million)

6.1.2.2 Market estimates and forecasts, by application (Kilotons) (USD million)

6.1.2.3 UK

6.1.2.3.1 Market estimates and forecasts, by fiber type (Kilotons) (USD million)

6.1.2.3.2 Market estimates and forecasts, by application (Kilotons) (USD million)

6.1.2.4 Germany

6.1.2.4.1 Market estimates and forecasts, by fiber type (Kilotons) (USD million)

6.1.2.4.2 Market estimates and forecasts, by application (Kilotons) (USD million)

6.1.2.5 Italy

- 6.1.2.5.1 Market estimates and forecasts, by fiber type (Kilotons) (USD million)
- 6.1.2.5.2 Market estimates and forecasts, by application (Kilotons) (USD million)
- 6.1.3 Asia Pacific
 - 6.1.3.1 Market estimates and forecasts, by fiber type (Kilotons) (USD million)
 - 6.1.3.2 Market estimates and forecasts, by application (Kilotons) (USD million)
 - 6.1.3.3 China
 - 6.1.3.3.1 Market estimates and forecasts, by fiber type (Kilotons) (USD million)
 - 6.1.3.3.2 Market estimates and forecasts, by application (Kilotons) (USD million)
 - 6.1.3.4 Japan
 - 6.1.3.4.1 Market estimates and forecasts, by fiber type (Kilotons) (USD million)
 - 6.1.3.4.2 Market estimates and forecasts, by application (Kilotons) (USD million)
 - 6.1.3.5 India
 - 6.1.3.5.1 Market estimates and forecasts, by fiber type (Kilotons) (USD million)
 - 6.1.3.5.2 Market estimates and forecasts, by application (Kilotons) (USD million)
- 6.1.4 Central & South America (CSA)
 - 6.1.4.1 Market estimates and forecasts, by fiber type (Kilotons) (USD million)
 - 6.1.4.2 Market estimates and forecasts, by application (Kilotons) (USD million)
 - 6.1.4.3 Brazil
 - 6.1.4.3.1 Market estimates and forecasts, by fiber type (Kilotons) (USD million)
 - 6.1.4.3.2 Market estimates and forecasts, by application (Kilotons) (USD million)
- 6.1.5 Middle East & Africa (MEA)
 - 6.1.5.1 Market estimates and forecasts, by fiber type (Kilotons) (USD million)
 - 6.1.5.2 Market estimates and forecasts, by application (Kilotons) (USD million)

CHAPTER 7 COMPETITIVE LANDSCAPE

- 7.1 Vendor landscape
- 7.2 Companies operating in the market
- 7.3 Competitive environment
- 7.4 Product Matrix
- 7.5 Strategy framework

CHAPTER 8 COMPANY PROFILES

- 8.1 PPG industries, Inc.
 - 8.1.1 Company overview
 - 8.1.2 Financial performance
 - 8.1.3 Product/service benchmarking
- 8.2 Xinyi Automobile Glass Co. Ltd.

- 8.2.1 Company overview
- 8.2.2 Financial performance
- 8.2.3 Product/service benchmarking
- 8.3 Asahi Glass Co. Ltd.
 - 8.3.1 Company overview
 - 8.3.2 Financial performance
 - 8.3.3 Product/service benchmarking
- 8.4 Nippon Sheet Glass Co. Ltd. (NSG)
 - 8.4.1 Company overview
 - 8.4.2 Financial performance
 - 8.4.3 Product/service benchmarking
- 8.5 Saint-Gobain S.A.
 - 8.5.1 Company overview
 - 8.5.2 Financial performance
 - 8.5.3 Product/service benchmarking
- 8.6 Guardian Industries
 - 8.6.1 Company overview
 - 8.6.2 Financial performance
 - 8.6.3 Product/service benchmarking
- 8.7 Hanwha Q CELLS Co. Ltd.
 - 8.7.1 Company overview
 - 8.7.2 Financial performance
 - 8.7.3 Product/service benchmarking
- 8.8 Borosil Glass Works Ltd.
 - 8.8.1 Company overview
 - 8.8.2 Financial performance
 - 8.8.3 Product/service benchmarking
- 8.9 GSC Glass Ltd.
 - 8.9.1 Company overview
 - 8.9.2 Financial performance
 - 8.9.3 Product/service benchmarking
- 8.10 Duratuf Glass Industries Pvt. Ltd.
 - 8.10.1 Company overview
 - 8.10.2 Financial performance
 - 8.10.3 Product/service benchmarking

List Of Tables

LIST OF TABLES

TABLE 1 FRP composites market estimates and forecasts, from GFRP composites, 2014 - 2025 (Kilotons)

TABLE 2 FRP composites market estimates and forecasts, from GFRP composites, 2014 - 2025 (USD Million)

TABLE 3 FRP composites market estimates and forecasts, from CFRP composites, 2014 - 2025 (Kilotons)

TABLE 4 FRP composites market estimates and forecasts, from CFRP composites, 2014 - 2025 (USD Million)

TABLE 5 FRP composites market estimates and forecasts, from BFRP composites, 2014 - 2025 (Kilotons)

TABLE 6 FRP composites market estimates and forecasts, from BFRP composites, 2014 - 2025 (USD Million)

TABLE 7 FRP composites market estimates and forecasts, from AFRP composites, 2014 - 2025 (Kilotons)

TABLE 8 FRP composites market estimates and forecasts, from AFRP composites, 2014 - 2025 (USD Million)

TABLE 9 FRP composites market estimates and forecasts, from other composites, 2014 - 2025 (Kilotons)

TABLE 10 FRP composites market estimates and forecasts, from other composites, 2014 - 2025 (USD Million)

TABLE 11 FRP composites market estimates and forecasts, in automotive, 2014 - 2025 (Kilotons)

TABLE 12 FRP composites market estimates and forecasts, in automotive, 2014 - 2025 (USD Million)

TABLE 13 FRP composites market estimates and forecasts, in construction, 2014 - 2025 (Kilotons)

TABLE 14 FRP composites market estimates and forecasts, in construction, 2014 - 2025 (USD Million)

TABLE 15 FRP composites market estimates and forecasts, in electronic, 2014 - 2025 (Kilotons)

TABLE 16 FRP composites market estimates and forecasts, in electronic, 2014 - 2025 (USD Million)

TABLE 17 FRP composites market estimates and forecasts, in defense, 2014 - 2025 (Kilotons)

TABLE 18 FRP composites market estimates and forecasts, in defense, 2014 - 2025

(USD Million)

TABLE 19 FRP composites market estimates and forecasts, in other application, 2014 - 2025 (Kilotons)

TABLE 20 FRP composites market estimates and forecasts, in other application, 2014 - 2025 (USD Million)

TABLE 21 North America FRP composites market estimates and forecasts, 2014 - 2025 (Kilotons) (USD Million)

TABLE 22 North America FRP composites market revenue, by fiber type, 2014 - 2025 (Kilotons)

TABLE 23 North America FRP composites market revenue, by fiber type, 2014 - 2025 (USD million)

TABLE 24 North America FRP composites market revenue, by application, 2014 - 2025 (Kilotons)

TABLE 25 North America FRP composites market revenue, by application, 2014 - 2025 (USD million)

TABLE 26 U.S. FRP composites market estimates and forecasts, 2014 - 2025 (Kilotons) (USD Million)

TABLE 27 U.S. FRP composites market revenue, by fiber type, 2014 - 2025 (Kilotons)

TABLE 28 U.S. FRP composites market revenue, by fiber type, 2014 - 2025 (USD million)

TABLE 29 U.S. FRP composites market revenue, by application, 2014 - 2025 (Kilotons)

TABLE 30 U.S. FRP composites market revenue, by application, 2014 - 2025 (USD million)

TABLE 31 Europe FRP composites market estimates and forecasts, 2014 - 2025 (Kilotons) (USD Million)

TABLE 32 Europe FRP composites market revenue, by fiber type, 2014 - 2025 (Kilotons)

TABLE 33 Europe FRP composites market revenue, by fiber type, 2014 - 2025 (USD million)

TABLE 34 Europe FRP composites market revenue, by application, 2014 - 2025 (Kilotons)

TABLE 35 Europe FRP composites market revenue, by application, 2014 - 2025 (USD million)

TABLE 36 UK FRP composites market estimates and forecasts, 2014 - 2025 (Kilotons) (USD Million)

TABLE 37 UK FRP composites market revenue, by fiber type, 2014 - 2025 (Kilotons)

TABLE 38 UK FRP composites market revenue, by fiber type, 2014 - 2025 (USD million)

TABLE 39 UK FRP composites market revenue, by application, 2014 - 2025 (Kilotons)

TABLE 40 UK FRP composites market revenue, by application, 2014 - 2025 (USD million)

TABLE 41 Germany FRP composites market estimates and forecasts, 2014 - 2025 (Kilotons) (USD Million)

TABLE 42 Germany FRP composites market revenue, by fiber type, 2014 - 2025 (Kilotons)

TABLE 43 Germany FRP composites market revenue, by fiber type, 2014 - 2025 (USD million)

TABLE 44 Germany FRP composites market revenue, by application, 2014 - 2025 (Kilotons)

TABLE 45 Germany FRP composites market revenue, by application, 2014 - 2025 (USD million)

TABLE 46 Italy FRP composites market estimates and forecasts, 2014 - 2025 (Kilotons) (USD Million)

TABLE 47 Italy FRP composites market revenue, by fiber type, 2014 - 2025 (Kilotons)

TABLE 48 Italy FRP composites market revenue, by fiber type, 2014 - 2025 (USD million)

TABLE 49 Italy FRP composites market revenue, by application, 2014 - 2025 (Kilotons)

TABLE 50 Italy FRP composites market revenue, by application, 2014 - 2025 (USD million)

TABLE 51 APAC FRP composites market estimates and forecasts, 2014 - 2025 (Kilotons) (USD Million)

TABLE 52 APAC FRP composites market revenue, by fiber type, 2014 - 2025 (Kilotons)

TABLE 53 APAC FRP composites market revenue, by fiber type, 2014 - 2025 (USD million)

TABLE 54 APAC FRP composites market revenue, by application, 2014 - 2025 (Kilotons)

TABLE 55 APAC FRP composites market revenue, by application, 2014 - 2025 (USD million)

TABLE 56 India FRP composites market estimates and forecasts, 2014 - 2025 (Kilotons) (USD Million)

TABLE 57 India FRP composites market revenue, by fiber type, 2014 - 2025 (Kilotons)

TABLE 58 India FRP composites market revenue, by fiber type, 2014 - 2025 (USD million)

TABLE 59 India FRP composites market revenue, by application, 2014 - 2025 (Kilotons)

TABLE 60 India FRP composites market revenue, by application, 2014 - 2025 (USD million)

TABLE 61 China FRP composites market estimates and forecasts, 2014 - 2025 (Kilotons) (USD Million)

TABLE 62 China FRP composites market revenue, by fiber type, 2014 - 2025 (Kilotons)

TABLE 63 China FRP composites market revenue, by fiber type, 2014 - 2025 (USD million)

TABLE 64 China FRP composites market revenue, by application, 2014 - 2025 (Kilotons)

TABLE 65 China FRP composites market revenue, by application, 2014 - 2025 (USD million)

TABLE 66 Japan FRP composites market estimates and forecasts, 2014 - 2025 (Kilotons) (USD Million)

TABLE 67 Japan FRP composites market revenue, by fiber type, 2014 - 2025 (Kilotons)

TABLE 68 Japan FRP composites market revenue, by fiber type, 2014 - 2025 (USD million)

TABLE 69 Japan FRP composites market revenue, by application, 2014 - 2025 (Kilotons)

TABLE 70 Japan FRP composites market revenue, by application, 2014 - 2025 (USD million)

TABLE 71 CSA FRP composites market estimates and forecasts, 2014 - 2025 (Kilotons) (USD Million)

TABLE 72 CSA FRP composites market revenue, by fiber type, 2014 - 2025 (Kilotons)

TABLE 73 CSA FRP composites market revenue, by fiber type, 2014 - 2025 (USD million)

TABLE 74 CSA FRP composites market revenue, by application, 2014 - 2025 (Kilotons)

TABLE 75 CSA FRP composites market revenue, by application, 2014 - 2025 (USD million)

TABLE 76 Brazil FRP composites market estimates and forecasts, 2014 - 2025 (Kilotons) (USD Million)

TABLE 77 Brazil FRP composites market revenue, by fiber type, 2014 - 2025 (Kilotons)

TABLE 78 Brazil FRP composites market revenue, by fiber type, 2014 - 2025 (USD million)

TABLE 79 Brazil FRP composites market revenue, by application, 2014 - 2025 (Kilotons)

TABLE 80 Brazil FRP composites market revenue, by application, 2014 - 2025 (USD million)

TABLE 81 MEA FRP composites market estimates and forecasts, 2014 - 2025 (Kilotons) (USD Million)

TABLE 82 MEA FRP composites market revenue, by fiber type, 2014 - 2025 (Kilotons)

TABLE 83 MEA FRP composites market revenue, by fiber type, 2014 - 2025 (USD million)

TABLE 84 MEA FRP composites market revenue, by application, 2014 - 2025 (Kilotons)

TABLE 85 MEA FRP composites market revenue, by application, 2014 - 2025 (USD million)

List Of Figures

LIST OF FIGURES

- FIG. 1 Industry Snapshot
- FIG. 2 Market segmentation & scope
- FIG. 3 FRP composites market size and growth prospects, 2014 - 2025
- FIG. 4 Value chain analysis
- FIG. 5 FRP composites market dynamics
- FIG. 6 Key market opportunities - prioritized
- FIG. 7 Industry analysis - Porter's
- FIG. 8 PESTEL analysis
- FIG. 9 FRP composites market: Fiber type movement analysis, 2016 & 2025
- FIG. 10 FRP composites market: application movement analysis, 2016 & 2025
- FIG. 11 Regional market place: Key takeaways
- FIG. 12 FRP composites market: Regional movement analysis, 2016 & 2025
- FIG. 13 Competitive environment
- FIG. 14 Strategy framework

I would like to order

Product name: Fiber Reinforced Polymer (FRP) Composites Market Analysis By Fiber Type (Glass, Carbon, Basalt, Aramid), By Application (Automotive, Construction, Electronic, Defense), By Region, And Segment Forecasts, 2014 - 2025

Product link: <https://marketpublishers.com/r/F93632BFE7BEN.html>

Price: US\$ 5,950.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/F93632BFE7BEN.html>

To pay by Wire Transfer, please, fill in your contact details in the form below:

First name:
Last name:
Email:
Company:
Address:
City:
Zip code:
Country:
Tel:
Fax:
Your message:

****All fields are required**

Customer signature _____

Please, note that by ordering from marketpublishers.com you are agreeing to our Terms & Conditions at <https://marketpublishers.com/docs/terms.html>

To place an order via fax simply print this form, fill in the information below

and fax the completed form to +44 20 7900 3970