

# World Glass Fibre Reinforced Plastic (GFRP) Composites Market 2013-2023: Prospects for Fibreglass & GRP

https://marketpublishers.com/r/W38CCB8E3D6EN.html

Date: February 2013

Pages: 168

Price: US\$ 2,635.00 (Single User License)

ID: W38CCB8E3D6EN

#### **Abstracts**

#### **Report Details**

There are signs for optimism in the global GFRP composites market. Factors for growth include the recovery in the global economy and improving prospects in various end-use markets. Because glass fibre composites are dependable, predictable, versatile, and cost-effective for use, the demands for its use are higher than ever before. The enormous potential in Asian countries, particularly China and India, are likely to foster further growth in the glass fibre market. The US and European countries are the leading regions for the research and development of high performance glass fibre products while developing countries are in the early stages of new product development. Visiongain assesses that the global glass fibre reinforced plastic (GRFP) composites market will total \$29.4bn in 2013.

In the developed markets the GFRP demand tends to focus on high-value applications, which are forecasted to be the driving force of composites market growth. Customer demands require glass fibre producers to develop better technologies to improve their process efficiency with lower costs. Therefore, technology innovations driven by consumers demand will create new and exciting opportunities for the GFRP composite market and the high performance GFRP composites market will show significant growth opportunities in the next 10 years.

#### What makes this report unique?

Visiongain consulted widely with industry experts and full transcripts from these exclusive interviews with a Scientist from PPG Industries, General Manager from BFG



International China Co. Ltd. GFRP Composites Consultant from Kemrock Industries & Exports Ltd. As such, our reports have a unique blend of primary and secondary sources providing informed analysis. This methodology allows insight into the key drivers and restraints behind market dynamics and competitive developments, as well as identifying the technological issues. The report therefore presents an ideal balance of qualitative analysis combined with extensive quantitative data including global, submarket and regional markets forecasts from 2013-2023 - all identifying strategic business opportunities.

# Why you should buy World Glass Fibre Reinforced Plastic (GFRP) Composites Market Report 2013-2023: Prospects for Fibreglass & GRP

Stay ahead with this comprehensive analysis of the world glass fibre reinforced plastic (GFRP) composites industry prospects

The report comprises 168 pages

Get ahead by studying highly quantitative content that delivers solid conclusions benefiting your research and analysis

133 tables, charts, and graphs quantifying and forecasting the market

Read exclusive expert opinion interviews from 3 industry specialists informing the analysis

Scientist from PPG Industries' Fibre Glass Business

General Manager from BFG International China Co. Ltd.

Reinforced Plastic Composites Consultant from Kemrock Industries & Exports Ltd.

View global market forecasts from 2013-2023 to keep your knowledge one step ahead of the competition

The report provides an analytical overview with detailed sales projections and analysis of the market, submarkets by end use, and the commercial drivers and restraints.



Keep informed about the potential for each of the submarkets by end use with forecasts from 2013-2023

forecas	Construction & Infrastructure
	Automotive
	Electrical / Electronics
	Energy / Wind Power
	Consumer Goods
	Aerospace
	Marine
	Other
Learn about the opportunities in 14 leading countries with market forecasts between 2013-2023  US	
	China
	Japan
	France
	Italy
	Germany
	UK
	Spain
	Thailand



Brazil	
Russia	
Canada	
India	
South Korea	
Rest of the World (ROW)	
Understand the competitive landscape with profiles of 20 leading companies examining their positioning, products, services, focus, strategies and outlook.  Advanced Glassfiber Yarns (AGY) LLC	
Asahi Fibre Glass	
BGF Industries	
Braj Binani Group	
China Fibreglass Company Ltd	
Chomarat	
Chongqing Polycomp International Corp	
Fiberex Glass Corporation	
Guardian Fibreglass Inc	
Johns Manville Corporation	
Jushi Group	
KCC Corporation	



Nippon Sheet Glass Co., Ltd

Nitto Boseki Co Ltd

Owens Corning Inc

PPG Industries Inc

Saertex GmbH

Saint Gobain

Taishan Fiberglass Inc

Taiwan Glass Industry Corporation

Discover the qualitative analysis informing the market forecasts

SWOT analysis of competitive factors: strengths, weaknesses,
opportunities and threats revealing what drives and restrains the industry
and the prospects for established companies and new market entrants.

# How the World Glass Fibre Reinforced Plastic (GFRP) Composites Market 2013-2023: Prospects for Fibreglass & GRP report can benefit you

Visiongain's report is for anyone requiring analysis of the glass fibre reinforced plastic (GFRP) composites industry and market. You will discover market forecasts, technological trends, predictions and expert opinion providing you with independent analysis derived from our extensive primary and secondary research. Only by purchasing this report will you receive this critical business intelligence revealing where revenue growth is likely and where the lucrative potential market prospects are.

If you buy our report today your knowledge will stay one step ahead of your competitors. Discover how our report could benefit your research, analyses and strategic decisions, saving you time. To gain an understanding of how to tap into the potential of this market and keep one step ahead of the competition you must order now our report World Glass Fibre Reinforced Plastic (GFRP) Composites Market 2013-2023: Prospects for



Fibreglass & GRP



#### **Contents**

#### 1. EXECUTIVE SUMMARY

- 1.1 Global GFRP Composites Market Overview
- 1.2 Benefits of This Report
- 1.3 Who is This Report For?
- 1.4 Methodology
- 1.5 Global GFRP Composites Market Forecast 2013-2023
- 1.6 GFRP Composites Submarket Forecasts 2013-2023
- 1.7 Leading National GFRP Composites Market Forecasts 2013-2023

#### 2. INTRODUCTION TO THE GFRP COMPOSITES MARKET

- 2.1 GFRP Composites Market Structure Overview
- 2.2 GFRP Composites Definition and Properties
- 2.3 What are Composites?
- 2.4 The Major Types of Glass for Making Glass Fibres
- 2.5 GFRP Manufacturing Process
  - 2.5.1 Fibreglass Hand Lay-up Operation
  - 2.5.2 Fibreglass Spray lay-up Operation
  - 2.5.3 Pultrusion Operation
  - 2.5.4 Chopped Strand Mat
  - 2.5.5 Warping
- 2.6 Learn About the Two Main Types of Carbon Fibres
  - 2.6.1 Construction
  - 2.6.2 Automotive
  - 2.6.3 Electrical & Electronics
  - 2.6.4 Energy/Wind Power
  - 2.6.5 Consumer Goods
  - 2.6.6 Aerospace
  - 2.6.7 Marine
  - 2.6.8 Other

#### 3. GLOBAL GFRP COMPOSITES MARKET FORECAST 2013-2023

- 3.1 What are the Drivers & Restraints in the GFRP Composites Market?
- 3.2 Geographical Analysis of the Global GFRP Composites Markets
  - 3.2.1 North American GFRP Composites Market Analysis



- 3.2.2 European GFRP Composites Market Analysis
- 3.2.3 Asian GFRP Composites Market Analysis
- 3.2.4 Latin American GFRP Composites Market Analysis

#### 4. GFRP COMPOSITES SUBMARKETS FORECAST 2013-2023

- 4.1 Construction & Infrastructure GFRP Composites Submarkets Forecast 2013-2023
  - 4.1.1 Discover the Development of the Construction CFRP Composites Market
  - 4.1.2 Find out the Benefits of Using GFRP within the Construction Industry
- 4.2 Automotive GFRP Composites Submarkets Forecast 2013-2023
- 4.2.1 Why Visiongain Predicts a Strong CAGR of 8.0% for Automotive GFRP Composites Market Over the Next Decade
- 4.2.2 Find out the Reasons for GFRP Composites to be Used Specifically in the Automotive Industry
- 4.3 Electrical & Electronics GFRP Composites Submarket Over 2013-2023
- 4.3.1 Read about the Development of the Electrical & Electronics GFRP Composites Market Over 2013-2023
- 4.4 Energy / Wind Power GFRP Composites Submarket Forecast 2013-2023
- 4.4.1 Why Visiongain Predicts a Strong Growth for the Energy / Wind Power GFRP Composites Submarket Over the Next 10 Years
- 4.5 Consumer Goods GFRP Composites Submarket Forecast 2013-2023
- 4.5.1 Find out how the Main Properties of GFRP Composites Drive the Consumer Goods Market
- 4.5.2 Learn about the Development of Consumer Goods GFRP Composites Market Over 2013-2023
- 4.6 Aerospace GFRP Composites Submarket Forecast 2013-2023
  - 4.6.1 Read about the Future of the Aerospace GFRP Composites Market
  - 4.6.2 Why is S-glass More Popular than E-glass for the Aerospace Industry?
- 4.7 Marine GFRP Composites Submarket Forecast 2013-2023
- 4.7.1 Read about the Development of the Marine GFRP Composites Market and the Future of the Market
- 4.8 Other GFRP Composites Submarket Forecast 2013-2023
  - 4.8.1 Find out Other GFRP Composites Market

#### 5. LEADING NATIONAL GFRP COMPOSITES MARKETS FORECAST 2013-2023

- 5.1 Leading National GFRP Composites Markets Share Forecast 2013-2023
- 5.2 Barriers to Entry Analysis for the Leading National GFRP Composites Markets
- 5.3 US GFRP Composites Market Forecast 2013-2023



- 5.3.1 Discover the Effects of the Economic Crisis on the US GFRP Composites Market 5.4 Chinese GFRP Composites Market Forecast 2013-2023
- 5.4.1 Find out why Visiongain Predicts a Strong Growth Rate of 12.1% CAGR for the Chinese GFRP Composites Market
- 5.4.2 Discover the Major Factors Driving the Growth of the Chinese GFRP Composites Market
- 5.5 Japanese GFRP Composites Market Forecast 2013-2023
- 5.5.1 Why Visiongain Believes the Sustainability Issues are a Big Factor in the Japanese GFRP Composites Market
- 5.6 French GFRP Composites Market Forecast 2013-2023
  - 5.6.1 Read about the Development of the French GFRP Composites Market
- 5.7 Italian GFRP Composites Market Forecast 2013-2023
  - 5.7.1 Discover the Strength of the Italian GFRP Composites Market
- 5.8 German GFRP Composites Market Forecast 2013-2023
  - 5.8.1 Read about the Drivers of the \$1.21bn German GFRP Composites Market
  - 5.8.2 Discover the Main Industries Utilising GFRP Applications in Germany
- 5.9 UK GFRP Composites Market Forecast 2013-2023
- 5.9.1 Why Visiongain Predicts the Wind Energy Industry is likely to have a Strong Demand for GFRP Composites in the UK
- 5.10 Spanish GFRP Composites Market Forecast 2013-2023
- 5.10.1 Discover why Visiongain Predicts a Low Growth Rate for the Spanish GFRP Composites Market
- 5.11 Brazilian GFRP Composites Market Forecast 2013-2023
  - 5.11.1 Find Out why Owens Corning Boosts Technical Fabrics Capacity in Brazil
- 5.12 Russian GFRP Composites Market Forecast 2013-2023
- 5.12.1 What are the Effects of Government Policy on the Russian GFRP Composites Market?
- 5.13 Canadian GFRP Composites Market Forecast 2013-2023
  - 5.13.1 What Factors Drive the Canadian GFRP Composites Market?
- 5.14 Indian GFRP Composites Market Forecast 2013-2023
- 5.14.1 Read about the Strong Potential of the Indian GFRP Composites Market
- 5.15 South Korean GFRP Composites Market Forecast 2013-2023
- 5.15.1 Why Visiongain believes the Automotive Industry is the Major Growth Driver for the South Korean GRFP Composites Market
- 5.16 RoW GFRP Composites Market Forecast 2013-2023
  - 5.16.1 Learn about the Development of the RoW GFRP Composites Market

#### 6. SWOT ANALYSIS OF THE GFRP COMPOSITES MARKET 2013-2023



- 6.1 Strengths
  - 6.1.1 Low Cost
  - 6.1.2 High Strength/Weight Ratio
  - 6.1.3 Dimensional Stability
  - 6.1.4 Good Chemical Resistance
  - 6.1.5 Fire Resistance
  - 6.1.6 Heat Resistance
  - 6.1.7 Colour and Translucency
  - 6.1.8 Styling and Electrical Insulating
  - 6.1.9 Thermal Properties
  - 6.1.10 Manufacturing Economies
- 6.2 Weakness
  - 6.2.1 Low Stiffness
  - 6.2.2 Lack of Knowledge
  - 6.2.3 Potential for Catastrophic Failure
  - 6.2.4 Difficult to Recycle
- 6.3 Opportunities
  - 6.3.1 Light-Weight GFRP Composites Benefit as Energy Prices Increase
  - 6.3.2 Demand for Wind Energy GFRP Composites will Increase
  - 6.3.3 Innovation
  - 6.3.4 Supply Chains
- 6.4 Threats
  - 6.2.1 GFRP Composites are not Well Understood
  - 6.2.2 Regulations Reducing GFRP Composites Usage
  - 6.2.3 Early Development of Codes

#### 7. EXPERT OPINION

- 7.1 Dr. Hong Li, Scientist from PPG Industries' Fibre Glass Business.
  - 7.1.1 What are the Key Trends and Developments in the GFRP Market?
  - 7.1.2 What are the Key Drivers in the Global GFRP Composites Industry?
- 7.1.3 What are the Challenges and Opportunities in the Global GFRP Composites Industry?
- 7.1.4 The Regions with Significant Growth in the GFRP Composites Market
- 7.1.5 What are the Technical Innovations in the GFRP Composites Market?
- 7.1.6 What will be the Growth Rate in the GFRP Composites Market over the Next Decade?
- 7.1.7 Is there any Current Commercial Action that has Changed Your Opinion about the Future Growth of this Industry?



- 7.1.8 Additional Comments for the Global GFRP Composites Market
- 7.2 Majdi Alhmah, General Manager at BFG International China Co. Ltd.
  - 7.2.1 What are the Key Trends in the Global GFRP Composites Market?
- 7.2.2 What are the Major Drivers and Restrainers in the Global GFRP Composites Market?
- 7.2.3 What are the Challenges and Opportunities in the Global GFRP Composites Industry?
  - 7.2.4 The Regions with Significant Growth in the GFRP Composites Market
- 7.2.5 What will be the Growth Rate in the GFRP Composites Market over the Next Decade?
- 7.2.6 Additional Comments for the Global GFRP Composites Market
- 7.3 Kaushlendra Shukla, Reinforced Plastic Composites Consultant, Kemrock Industris & Exports Ltd.
- 7.3.1 What are the Major Drivers and Restrainers in the global GFRP Composites Market?
- 7.3.2 What are the Challenges and Opportunities in the global GFRP Composites Industry?
- 7.3.3 The Regions with Significant Growth in the GFRP Composites Market
- 7.3.4 What will be the Growth Rate in the GFRP Composites Market over the Next Decade?
  - 7.3.5 Additional Comments for the Global GFRP Composites Industry

#### 8. LEADING COMPANIES IN THE GFRP COMPOSITES MARKET

- 8.1 Advanced Glassfiber Yarns (AGY) LLC Overview
  - 8.1.1 Advanced Glassfiber Yarns (AGY) Analysis
- 8.2 Asahi Fibre Glass Company Overview
  - 8.2.1 Asahi Fibre Glass Company Analysis
- 8.3 BGF Industries Overview
  - 8.3.1 BGF Industries Analysis
  - 8.3.2 BGF Industries Regional Focus
- 8.4 Braj Binani Group Overview
  - 8.4.1 Braj Binani Group Analysis
  - 8.4.2 Braj Binani Group M&A Activity
  - 8.4.3 Braj Binani Group Future Outlook
- 8.5 China Fiberglass Company Ltd. Overview
  - 8.5.1 China Fiberglass Company Analysis
  - 8.3.2 China Fiberglass Company Strategy
  - 8.3.3 China Fiberglass Company Future Outlook



- 8.6 Chomarat Group Overview
  - 8.6.1 Chomarat Group Analysis
- 8.7 Chongqing Polycomp International Corp (CIPI Fiberglass) Overview
  - 8.7.1 Chongqing Polycomp International Fiberglass Analysis
  - 8.7.2 Chongqing Polycomp International Fiberglass M&A Activity
  - 8.7.3 Chongqing Polycomp International Fiberglass Regional Focus
- 8.8 Fiberex Glass Corp. Overview
  - 8.8.1 Fiberex Glass Corp Analysis
  - 8.8.2 Fiberex Glass Market Applications
- 8.9 Guardian Fibreglass Inc. Overview
  - 8.9.1 Guardian Fibreglass Analysis
- 8.10 Johns Manville Overview
  - 8.10.1 Johns Manville Analysis
- 8.10.2 Johns Manville Strategies
- 8.11 Jushi Group Overview
  - 8.11.1 Jushi Group Analysis
- 8.12 KCC Corporation Overview
  - 8.6.1 KCC Corporation Analysis
  - 8.6.2 KCC Corporation Strategies
- 8.13 Nippon Sheet Glass, NSG Group Overview
  - 8.13.1 Nippon Sheet Glass Analysis
  - 8.13.2 Nippon Sheet Glass Strategies
  - 8.13.3 Nippon Sheet Glass Future Outlook
- 8.14 Nitto Boseki Co Ltd. Overview
  - 8.14.1 Nitto Boseki Analysis
  - 8.14.2 Nitto Boseki Future Outlook
- 8.15 Owens Corning Overview
  - 8.15.1 Owens Corning Analysis
  - 8.15.2 Owens Corning Competitors
  - 8.15.3 Owens Corning M&A Activity
- 8.16 PPG Industries Overview
  - 8.16.1 PPG Industries Analysis
  - 8.16.2 PPG Industries Strategies
  - 8.16.3 PPG Industries Future Outlook
- 8.17 Saertex GmbH Overview
  - 8.17.1 Saertex Analysis
- 8.18 Saint-Gobain Vetrotex Overview
- 8.18.1 Saint-Gobain Vetrotex Analysis
- 8.19 Taishan Fiberglass Overview



- 8.19.1 Taishan Fiberglass Analysis
- 8.19.2 Taishan Fiberglass Future Outlook
- 8.20 Taiwan Glass Industry Corporation Overview
  - 8.20.1 Taiwan Glass Industry Corporation Analysis
  - 8.20.2 Taiwan Glass Industry Corporation Strategy
- 8.21 Other Companies in the GFRP Composites Market

#### 9. CONCLUSIONS

- 9.1 The Global GFRP Composites Market Outlook 2013-2023
- 9.2 What are the Most Important Drivers & Restraints Affecting the GFRP Composites Market?
- 9.3 Global GFRP Composites Market Forecast 2013-2023
- 9.4 GFRP Composites Submarket Forecasts 2013-2023
- 9.5 Leading National GFRP Composites Market Forecasts 2013-2023

#### 10. GLOSSARY



### **List Of Tables**

#### LIST OF TABLES

- Table 1.1 GFRP Composites Forecast Summary 2013, 2018, 2023 (\$bn, CAGR %)
- Table 1.2 GFRP Composites Submarket Forecasts Summary 2013, 2018, 2023 (\$bn, CAGR %)
- Table 1.3 Leading National GFRP Composites Market Forecasts Summary 2013, 2018, 2023 (\$bn, CAGR %)
- Table 3.1 Global GFRP Composites Market Forecast 2013-2023 (\$bn, AGR %, CAGR%, Cumulative)
- Table 3.2 Global GFRP Composites Market Drivers & Restraints
- Table 3.3 Leading Northern American GFRP Composites Companies 2013 (Company, Country)
- Table 3.4 Leading European GFRP Composites Companies 2013 (Company, Country)
- Table 3.5 Leading Asia Pacific GFRP Composites Companies 2013 (Company, Country)
- Table 3.6 Leading Rest of the World GFRP Companies 2013 (Company, Product /service)
- Table 4.1 GFRP Composites Submarket Forecasts 2013-2023 (\$bn, AGR %)
- Table 4.2 Construction & Infrastructure GFRP Composites Submarket Forecast 2013-2023 (\$bn, AGR %, CAGR%, Cumulative)
- Table 4.3 Automotive GFRP Composites Submarket Forecast 2013-2023 (\$bn, AGR %, CAGR%, Cumulative)
- Table 4.4 Electrical & Electronics GFRP Composites Submarket Forecast 2013-2023 (\$bn, AGR %, CAGR%, Cumulative)
- Table 4.5 Energy / Wind Power GFRP Composites Submarket Forecast 2013-2023 (\$bn, AGR %, CAGR%, Cumulative)
- Table 4.6 Consumer Goods GFRP Composites Submarket Forecast 2013-2023 (\$bn, AGR %, CAGR%, Cumulative)
- Table 4.7 Aerospace GFRP Composites Submarket Forecast 2013-2023 (\$bn, AGR %, CAGR%, Cumulative)
- Table 4.8 Marine GFRP Composites Submarket Forecast 2013-2023 (\$bn, AGR %, CAGR%, Cumulative)
- Table 4.9 Other GFRP Composites Submarket Forecast 2013-2023 (\$bn, AGR %, CAGR%, Cumulative)
- Table 5.1 Leading National GFRP Composites Markets Forecast 2013-2023 (\$bn, AGR %)
- Table 5.2 US GFRP Composites Market Forecast 2013-2023 (\$bn, AGR %, CAGR%,



Cumulative)

Table 5.3 Chinese GFRP Composites Market Forecast 2013-2023 (\$bn, AGR %,

CAGR%, Cumulative)

Table 5.4 Japanese GFRP Composites Market Forecast 2013-2023 (\$bn, AGR %,

CAGR%, Cumulative)

Table 5.5 French GFRP Composites Market Forecast 2013-2023 (\$bn, AGR %,

CAGR%, Cumulative)

Table 5.6 Italian GFRP Composites Market Forecast 2013-2023 (\$bn, AGR %,

CAGR%, Cumulative)

Table 5.7 German GFRP Composites Market Forecast 2013-2023 (\$bn, AGR %,

CAGR%, Cumulative)

Table 5.8 UK GFRP Composites Market Forecast 2013-2023 (\$bn, AGR %, CAGR%,

Cumulative)

Table 5.9 Spanish GFRP Composites Market Forecast 2013-2023 (\$bn, AGR %,

CAGR%, Cumulative)

Table 5.10 Brazilian GFRP Composites Market Forecast 2013-2023 (\$bn, AGR %,

CAGR%, Cumulative)

Table 5.11 Russian GFRP Composites Market Forecast 2013-2023 (\$bn, AGR %,

CAGR%, Cumulative)

Table 5.12 Canadian GFRP Composites Market Forecast 2013-2023 (\$bn, AGR %,

CAGR%, Cumulative)

Table 5.13 Indian GFRP Composites Market Forecast 2013-2023 (\$bn, AGR %,

CAGR%, Cumulative)

Table 5.14 South Korean GFRP Composites Market Forecast 2013-2023 (\$bn, AGR %,

CAGR%, Cumulative)

Table 5.15 RoW GFRP Composites Market Forecast 2013-2023 (\$bn, AGR %,

CAGR%, Cumulative)

Table 6.1 SWOT Analysis of the GFRP Composites Market 2013-2023

Table 8.1 AGY Overview 2012 (Total Revenue, HQ, Ticker, Contact, Website)

Table 8.2 AGY Products / Services (Product, Specification)

Table 8.3 Asahi Glass Overview 2012 (Total Revenue, Revenue from Market, HQ,

Ticker, Contact, Website)

Table 8.4 Asahi Glass Products / Services (Division, Product)

Table 8.5 BGF Overview 2012 (Total Revenue, HQ, Employees, Ticker, Contact,

Website)

Table 8.6 BGF Products / Services (Division, Product, Specification)

Table 8.7 Braj Binani Group Overview 2012 (Total Revenue, HQ, Chairman, Ticker,

Contact, Website)

Table 8.8 Braj Binani Group Products / Services (Division, Product, Specification)



Table 8.9 China Fiberglass Overview 2012 (Total Revenue, Revenue from Market, HQ, Chairman, Employees, Ticker, Contact, Website)

Table 8.10 Chomarat Group Overview (HQ, Employees, Contact, Website)

Table 8.11 Chomarat Group Products / Services (Division, Product)

Table 8.12 Chongqing Polycomp Overview 2012 (HQ, Chairman, Employees, Contact, Website)

Table 8.13 Chongqing Polycomp Products / Services (Product, Specification)

Table 8.14 Fiberex Glass Corp. Company Overview 2012 (HQ, Contact, Website)

Table 8.15 Fiberex Glass Corp. Company Products / Services (Division, Product, Specification)

Table 8.16 Guardian Fibreglass Overview 2012 (HQ, Ticker, Contact, Website)

Table 8.17 Guardian Fibreglass Company Products / Services (Product, Specification)

Table 8.18 Johns Manville Overview 2012 (HQ, CEO, Employees, Ticker, Website)

Table 8.19 Johns Manville Products / Services (Product, Specification)

Table 8.20 Jushi Group Company Overview 2012 (HQ, Ticker, Contact, Website)

Table 8.21 Jushi Group Company Products / Services (Product, Specification)

Table 8.22 KCC Overview 2012 (HQ, CEO, Employees, Ticker, Contact, Website)

Table 8.23 KCC Products / Services (Division, Product)

Table 8.24 NSG Group Overview 2012 (Total Revenue, Revenue from Market, HQ,

CEO, Employees, Ticker, Contact, Website)

Table 8.25 NSG Group Products / Services (Division, Product)

Table 8.26 Nitto Boseki Overview 2012 (Total net sales, HQ, CEO, Ticker, Contact, Website)

Table 8.27 Nitto Boseki Products / Services (Division, Product)

Table 8.28 Owens Corning Overview 2012 (Total Revenue, HQ, CEO, Employees, Ticker, Contact, Website)

Table 8.29 Owens Corning Products / Services (Division, Product, Specification)

Table 8.30 PPG Overview 2012 (Total Revenue, Revenue from Market, HQ, Ticker, Contact, Website)

Table 8.31 PPG Products / Services (Division, Product, Specification)

Table 8.32 Saertex Overview 2012 (HQ, Contact, Website)

Table 8.33 Saertex Products / Services (Product, Specification)

Table 8.34 Saint-Gobain Overview 2012 (HQ, Employees, Website)

Table 8.35 Saint-Gobain Products / Services (Product, Specification)

Table 8.36 Taishan Fiberglass Overview 2012 (HQ, Ticker, Contact, Website)

Table 8.37 Taishan Fiberglass Products / Services (Division, Product)

Table 8.38 Taiwan Glass Overview 2012 (Total Revenue, HQ, Chairman, Ticker, Contact, Website)

Table 8.39 Taiwan Glass Products / Services (Division, Product)



Table 8.40 Other Companies in the GFRP Market 2013

Table 9.1 Global GFRP Composites Market Drivers & Restraints

Table 9.2 Global GFRP Composites Market Forecast Summary 2013, 2018, 2023 (\$bn, CAGR %)

Table 9.3 GFRP Composites Submarket Forecasts Summary 2013, 2018, 2023 (\$bn, CAGR %)

Table 9.4 Leading National GFRP Composites Market Forecasts Summary 2013, 2018, 2023 (\$bn, CAGR %)



## **List Of Figures**

#### LIST OF FIGURES

- Figure 2.1 Global GFRP Composites Market Structure Overview
- Figure 3.1 Global GFRP Composites Market Forecast 2013-2023 (\$bn, AGR%)
- Figure 4.1 GFRP Composites Submarket Forecasts 2013-2023 (\$bn)
- Figure 4.2 GFRP Composites Submarkets Share Forecast 2013 (%)
- Figure 4.3 GFRP Composites Submarkets Share Forecast 2018 (%)
- Figure 4.4 GFRP Composites Submarkets Share Forecast 2023 (%)
- Figure 4.5 Construction & Infrastructure GFRPP Composites Submarket Forecast 2013-2023 (\$bn, AGR%)
- Figure 4.6 Construction & Infrastructure GFRPP Composites Submarket Share Forecast 2013, 2018 and 2023 (% Share)
- Figure 4.7 Automotive GFRP Composites Submarket Forecast 2013-2023 (\$bn, AGR%)
- Figure 4.8 Automotive GFRP Composites Submarket Share Forecast 2013, 2018 and 2023 (% Share)
- Figure 4.9 Electrical & Electronics GFRP Composites Submarket Forecast 2013-2023 (\$bn, AGR%)
- Figure 4.10 Electrical Electronics GFRP Composites Submarket Share Forecast 2013, 2018 and 2023 (% Share)
- Figure 4.11 Energy / Wind Power GFRP Composites Submarket Forecast 2013-2023 (\$bn, AGR%)
- Figure 4.12 Energy / Wind Power GFRP Composites Submarket Share Forecast 2013, 2018 and 2023 (% Share)
- Figure 4.13 Consumer Goods GFRP Composites Submarket Forecast 2013-2023 (\$bn, AGR%)
- Figure 4.14 Consumer Goods GFRP Composites Submarket Share Forecast 2013, 2018 and 2023 (% Share)
- Figure 4.15 Aerospace GFRP Composites Submarket Forecast 2013-2023 (\$bn, AGR%)
- Figure 4.16 Aerospace GFRP Composites Submarket Share Forecast 2013, 2018 and 2023 (% Share)
- Figure 4.17 Marine GFRP Composites Submarket Forecast 2013-2023 (\$bn, AGR%)
- Figure 4.18 Marine GFRP Composites Submarket Share Forecast 2013, 2018 and 2023 (% Share)
- Figure 4.19 Other GFRP Composites Submarket Forecast 2013-2023 (\$bn, AGR%)
- Figure 4.20 Other GFRP Composites Submarket Share Forecast 2013, 2018 and 2023 (% Share)



- Figure 5.1 Leading National GFRP Composites Markets Forecast 2013-2023 (\$bn)
- Figure 5.2 Leading National GFRP Composites Markets Share Forecast 2013 (%)
- Figure 5.3 Leading National GFRP Composites Markets Share Forecast 2018 (%)
- Figure 5.4 Leading National GFRP Composites Markets Share Forecast 2023 (%)
- Figure 5.5 Leading National GFRP Composites Markets Barriers to Entry vs. National Market Size vs. AGR% 2012 (\$bn, AGR%)
- Figure 5.6 US GFRP Composites Market Forecast 2013-2023 (\$bn, AGR%)
- Figure 5.7 US GFRP Composites Market Share Forecast 2013, 2018 and 2023 (% Share)
- Figure 5.8 Chinese GFRP Composites Market Forecast 2013-2023 (\$bn, AGR%)
- Figure 5.9 Chinese GFRP Composites Market Share Forecast 2013, 2018 and 2023 (% Share)
- Figure 5.10 Japanese GFRP Composites Market Forecast 2013-2023 (\$bn, AGR%)
- Figure 5.11 Japanese GFRP Composites Market Share Forecast 2013, 2018 and 2023 (% Share)
- Figure 5.12 French GFRP Composites Market Forecast 2013-2023 (\$bn, AGR%)
- Figure 5.13 French GFRP Composites Market Share Forecast 2013, 2018 and 2023 (% Share)
- Figure 5.14 Italian GFRP Composites Market Forecast 2013-2023 (\$bn, AGR%)
- Figure 5.15 Italian GFRP Composites Market Share Forecast 2013, 2018 and 2023 (% Share)
- Figure 5.16 German GFRP Composites Market Forecast 2013-2023 (\$bn, AGR%)
- Figure 5.17 German GFRP Composites Market Share Forecast 2013, 2018 and 2023 (% Share)
- Figure 5.18 UK GFRP Composites Market Forecast 2013-2023 (\$bn, AGR%)
- Figure 5.19 UK GFRP Composites Market Share Forecast 2013, 2018 and 2023 (% Share)
- Figure 5.20 Spanish GFRP Composites Market Forecast 2013-2023 (\$bn, AGR%)
- Figure 5.21 Spanish GFRP Composites Market Share Forecast 2013, 2018 and 2023 (% Share)
- Figure 5.22 Brazilian GFRP Composites Market Forecast 2013-2023 (\$bn, AGR%)
- Figure 5.23 Brazilian GFRP Composites Market Share Forecast 2013, 2018 and 2023 (% Share)
- Figure 5.24 Russian GFRP Composites Market Forecast 2013-2023 (\$bn, AGR%)
- Figure 5.25 Russian GFRP Composites Market Share Forecast 2013, 2018 and 2023 (% Share)
- Figure 5.26 Canadian GFRP Composites Market Forecast 2013-2023 (\$bn, AGR%)
- Figure 5.27 Canadian GFRP Composites Market Share Forecast 2013, 2018 and 2023 (% Share)



Figure 5.28 Indian GFRP Composites Market Forecast 2013-2023 (\$bn, AGR%)

Figure 5.29 Indian GFRP Composites Market Share Forecast 2013, 2018 and 2023 (% Share)

Figure 5.30 South Korean GFRP Composites Market Forecast 2013-2023 (\$bn, AGR%)

Figure 5.31 South Korean GFRP Composites Market Share Forecast 2013, 2018 and 2023 (% Share)

Figure 5.32 RoW GFRP Composites Market Forecast 2013-2023 (\$bn, AGR%)

Figure 5.33 RoW GFRP Composites Market Share Forecast 2013, 2018 and 2023 (% Share)

#### **COMPANIES LISTED**

3B-Fibreglass Sprl

Abahsain Fiberglass M.E., W.L.L.

Advanced Glassfiber Yarns (AGY) LLC

AGY Holding Corporation (USA)

Ahlstrom Glassfibre Oy

Ameron International Corporation

**AOC LLC** 

Asahi Fibre Glass

Asglatex Ohorn Gmbh

Ashland Incorporated

AZDEL Incorporated

Baotek Inc.

**BASF** 

Bayer

Belco Manufacturing Company Incorporated, see Denali

**BGF** Industries

Binani Cement Limited

Binani Industries Limited (BIL)

Binani Zinc Limited

Braj Binani Group

BT Composites Limited

**Burlington Glass Fabrics** 

Cam Elyaf Sanayii As

Carlyle Group

Celanese Corporation

Central Glass Co Ltd

Changzhou Pro-Tech Industry Co Ltd



Changzhou Zhongxin Tianma Fiberglass Products Co., Ltd

China Fiberglass Company Ltd.

China National Building Material Company

China Pasia Industries

China Yangzhou Guotai Fiberglass Co., Ltd

**Chomarat Group** 

Chongqing Glassfiber Factory (CGF)

Chongqing Polycomp International Corp (CIPI Fiberglass)

Colan Products Pty Limited

Containment Solutions Incorporated

Crane Company

Cytec Industries Incorporated

Denali Incorporated

Devold Amt As

**DIC Corporation** 

Dipex Spol. S R.O.

**Dow Chemical Company** 

DuPont (EI) de Nemours

Eastern Petrochemical Company (EPETCO)

**Ershigs Incorporated** 

**Evanite Fiber Corporation** 

Fiber Glass Industries, Inc.

Fiber Glass Systems LP, see National Oilwell Varco

Fiberex Glass Corporation

Fibertec, Inc.

FiberTEK Insulation West, LLC

Fibrecn International Co Ltd

FORMAX (UK) LTD

Formax Ltd.

Fulltech Fiber Glass Corporation

GBP Silvercote Incorporated

Glotech Industrial Corporation

Goa Glass Fibre Limited

Guardian Fibreglass Inc.

Guardian industries

Gulf Glass Fiber Technological Industries Company (Fibretech)

Gunther Kast Gmbh

Hankuk Fiber Glass Co. Ltd.

Hanwha Group



**Hexcel Corporation** 

**Hexion Specialty Chemicals Incorporated** 

Hobas AG

Hollinee, L.L.C.

**Hood Companies** 

Huatek Fiberglass Co., Ltd

**Huntsman Corporation** 

**INEOS ABS Limited** 

Interplastic Corporation

Jiangsu Changhai Composite Materials Holding

Jiangsu Jiuding New Material Co., Ltd

Jiangsu Yueda Group

Johns Manville Corporation

JPS Industries, Inc.

JSC Polotsk Steklovolokno

JSC Valmieras Stikla Skiedra

Jushi Group

**KCC** Corporation

Knauf Gips KG

Kush Synthetics Pvt Ltd

Lanxess Ag

Lauscha Fiber International Corporation

Lih Feng Jiing Enterprise Co., Ltd

LM Glasfiber Holding A/S

LyondellBasell Industries AF SCA

Metyx

National Oilwell Varco Incorporated

Nippon Electric Glass Co Ltd

Nippon Sheet Glass Co., Ltd

Nitto Boseki Co Ltd

Nittobo Asco Glass Fiber

Novgorod Glass Fiber Plant Jsc

**NSG Group** 

Nycon Corporation

Owens Corning Inc.

P-D Glasseiden Gmbh (PD Fibreglass Group)

PFG Fiber Glass Corporation

Polycore Technology Co., Ltd

Porcher Textile Group



**PPG Fiber Glass** 

**PPG Industries** 

PPG Sinoma Jinjing Fiber Glass

PPG-Devold Llc

Reichhold Incorporated

Royal DSM NV

RTP Company

Saertex Gmbh & Co. Kg

Saint Gobain

Saint-Gobain Vetrotex

Saudi Arabian Amiantit Corporation

Saudi Basic Industries Corporation (SABIC)

Selcom S.R.L.

Seth Pragdas Binani's metal trading house

Shandong Shenghao Yuxin Glassfiber Co Ltd

Sichuan Weibo New Material Group Co Ltd

Sinoma Jinjing Fiberglass Co., Ltd.

Sisecam Group

Solvay SA

Spirit AeroSystems

SRM (INDIA) LTD. (INDIA)

Sumitomo Bakelite Company Limited

Suntex Composite Industrial Co., Ltd

Superior Fibers Incorporated

Taishan Fiberglass Dong-Guan Branch

Taishan Fiberglass Inc

Taishan Fiberglass Zhou-Cheng Branch

Taishan-Fiberex Fiberglass Co. Ltd

Taishan-PDO Glassfiber Products Co. Ltd

Taiwan Glass Industry Corporation

Texas Fiberglass Group

Texiglass Ind-stria E Com?rcio T?xtil Ltda

TG Fujian Photovoltaic Glass Co., Ltd. (FPG)

TG Huanan Glass Co., Ltd. (HNG),

TG Taicang Architectural Glass Co., Ltd. (TTAR)

TG Wuhan Architectural Glass Co., Ltd. (TWAR)

Tissa Glasweberei Ag

Total SA

V2 Composites



Vectorply Corporation
Xianyang Glass Co., Ltd. (TXY)
Xingtai Jinniu Fiberglass Co. Ltd.
Yueda Autoglass Co., Ltd. (TYAU)
Yunnan Yuntianhua Co., Ltd. (YYTH)

## GOVERNMENT AGENCIES AND OTHER ORGANISATIONS MENTIONED IN THIS REPORT

Application Center of National 863 Scientific Program Canadian Wind Energy Association Chinese Ministry of Science & Technology European Union

Eurozone

Guardian Building Products Corporate Center

Moksvich innovation centre

National Key Export-Oriented Enterprise for Technology and Industry

National universities and research centres (Italy)

NITC (National Intelligence & Technology Center)

Stanford University

**Technology Strategy Board** 



#### I would like to order

Product name: World Glass Fibre Reinforced Plastic (GFRP) Composites Market 2013-2023: Prospects

for Fibreglass & GRP

Product link: <a href="https://marketpublishers.com/r/W38CCB8E3D6EN.html">https://marketpublishers.com/r/W38CCB8E3D6EN.html</a>

Price: US\$ 2,635.00 (Single User License / Electronic Delivery)

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

Service:

info@marketpublishers.com

## **Payment**

First name:

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <a href="https://marketpublishers.com/r/W38CCB8E3D6EN.html">https://marketpublishers.com/r/W38CCB8E3D6EN.html</a>

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

Last name:	
Email:	
Company:	
Address:	
City:	
Zip code:	
Country:	
Tel:	
Fax:	
Your message:	
	**All fields are required
	Custumer signature

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

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

