

Global Fiber Glass Market Report- 2013 Edition

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Abstracts

Fiberglass is the most common reinforcing element used in commercial and industrial composites. Due to its superior attributes like strength, flexibility, durability, stability, light-weight, and resistance to heat, temperature, and moisture, fiberglass is used in a variety of applications. Most of the fiberglass composites are used in construction and transportation sectors. Demand for renewable energy in the form of wind turbines and demand for light-weight fuel efficient aircrafts and cars are major drivers increasing its demand in coming years. At present, China is the largest supplier of fiberglass worldwide.

After declining in 2009 due to economic slowdown, fiberglass demand regained in 2010 primarily due to rising levels of residential, commercial and industrial construction and refurbishment activity. Emerging countries like China, Brazil, and India are acknowledged as an important driver for market growth spurred by huge infrastructural investments. Glass fiber substitutes such as carbon fiber, aramid pose a serious challenge to growth of fiberglass market. There are 8 major producers of fiberglass throughout the world, including Owens Corning (OC), Jushi Group (parent company- China Fiberglass Co. Ltd), Johns Manville Corporation, CPIC Fiberglass, AGY, NEG, 3B and Taishan Fiberglass. OC remained the global leader in fiberglass production followed by Jushi Group, Taishan, CPIC and NEG in 2011.

The present report offers an analysis of the global fiberglass market. The drivers, opportunities and challenges for the industry have also been analyzed. Further, the report highlights the strategies of the major manufacturers – Owens Corning, China Fiberglass and PPG Industries.

By combining SPSS Inc.'s data integration and analysis capabilities with our relevant findings, we have predicted the future growth of the industry. We employed various significant variables that have an impact on this industry and created regression models

with SPSS Base to determine the future direction of the industry. Before deploying the regression model, the relationship between several independent or predictor variables and the dependent variable was analyzed using standard SPSS output, including charts, tables and tests.

Contents

1. OVERVIEW

- 1.1 Glass - An Overview
- 1.2 Fiberglass
- 1.3 Industrial Applications of Fiberglass
- 1.4 Glass Fiber Manufacturing
- 1.5 Composites

2. GLOBAL COMPOSITE MATERIALS MARKET

- 2.1 Market Size
- 2.2 Shipments by Market Segments
- 2.3 Composites Material Consumption Per Capita
- 2.4 The US Composites Materials Market
- 2.5 Brazil Composite Materials Market

3. GLOBAL FIBERGLASS COMPOSITES MARKET

- 3.1 Market Demand
 - Demand Growth
 - Comparison with Industrial Production
- 3.2 Geographical Segmentation
- 3.3 End Markets

4. REGIONAL ANALYSIS

- 4.1 Europe
 - Glass Fiber Reinforced Plastics
 - Production Volume
 - Production Segmentation
 - Regional Breakdown
 - End Markets
- 4.2 China
 - Market Overview
 - Production Volume
 - Market Share
 - Exports

5. MARKET DYNAMICS

5.1 Growth Drivers

- 5.1.1 Improvement in Global Economy
- 5.1.2 Rise in Industrial Production
- 5.1.3 Growth in Global Construction Spending
- 5.1.4 Emerging Countries

5.2 Market Opportunities

- 5.2.1 Focus on Renewable Energy Generation-Wind
- 5.2.2 Demand from Commercial Aerospace Market

5.3 Challenges

- 5.3.1 Threat from Substitutes - Carbon Fibers
- 5.3.2 Increase in Costs of Energy

6. COMPETITIVE LANDSCAPE

Competitive Overview

Top Manufacturers

7. COMPANY PROFILES

7.1 Owens Corning Inc

- 7.1.1 Business Description
- 7.1.2 Financial Overview
- 7.1.3 Business Strategies
 - Expanding Production Capacity
 - Strategic Alliances & Acquisitions

7.2 PPG Industries Inc.

- 7.2.1 Business Description
- 7.2.2 Financial Highlights
- 7.2.3 Business Strategies
 - Acquisition Policy
 - Growth through Market Expansion

7.3 China Fiberglass Co., Ltd.

- 7.3.1 Business Description
- 7.3.2 Financial Overview
- 7.3.3 Business Strategies
 - Investment in Technological Innovation

8. MARKET OUTLOOK

8.1 Market Forecast

8.2 Forecast Methodology

8.2.1 Dependent and Independent Variables

8.2.2 Correlation Analysis

8.2.3 Regression Analysis

List Of Charts

LIST OF CHARTS

Glass Industry-Segments
Fiberglass-Segments
Glass Fiber-Manufacturing Process
Composite Material System
Global Composite Materials Market Value (2009-2017F)
Composites Market Share by Region (2011)
Composites Shipment by Regions (2006-2011)
Breakdown of Composite Production by Regions (2000 versus 2011)
Global Composite Materials Shipment by Market Segments (2011 and 2017F)
Composite Materials Potential by Country (2011)
Total Composites Material Shipments in the US (2007-2013P)
Industrial Production Index in the US (2006-2012)
Cumulative Installed Wind Turbine Capacity in the US (2005-2011)
Composites Industry Revenue in Brazil (2009-2012P)
Brazilian Composite Industry by Market Segments (2011)
Global Fiberglass Composites Market Demand (2005-2012)
Comparison between Global Fiberglass Demand and Industrial Production Growth Rates (2007-2011)
Materials Growth as a Multiple Change in Industrial Production
Global Fiberglass Suppliers by Regions (2011)
Global Glass Fiber Composites Market Breakdown by End Market (2011)
Glass Fiber Reinforced Plastics (GRP) Production Volume in Europe (2008-2012E)
GRP Production in Europe for Different Application Industries (2012E)
China Fiber Glass Production Volume (2007-2012E)
Market Shares of China Fiberglass Manufacturers (2011)
Fiber Glass Export Volume from China (2009-2011)
Global GDP (2001-2011)
World GDP per Capita (2005-2011)
Industrial Production General Index for Different Countries (2006-2012)
Global Construction Spending (2002-2012E)
Share of Construction Spending by Region: (2015 vs 2020)
Real GDP Growth in Developing Countries (2009 versus 2015E)
New Capacity Installation in Global Wind Energy Industry (2007-2018E)
Asia-Pacific Wind Energy Composites in by Raw Materials (2017F)
Global Demand for Carbon Fibers (2008-2020E)

Carbon Fibers Demand by End Markets (2011)
Natural Gas Prices (2005-2011)
Brent Spot Crude Oil Prices (2005-2011)
Owen Corning's Revenue Breakup by Business Segments (2012)
Owen Corning's Net Sales (2008-2012)
PPG Industries Revenues by Segment (2012)
PPG Industries Revenue and Net Income (2008-2012)
China Fiberglass Co., Ltd. Revenues (2008-2012)
Global Fiberglass Composites Market Demand Forecast (2012-2016F)

List Of Tables

LIST OF TABLES

Top Global Glass Fiber Manufacturers (2002 versus 2011)

Primary Fiberglass Competitors Worldwide

Regional Overview for Commercial Aircraft Deliveries (2011)

GRP production volumes in Europe by Countries (2008-2012E)

GRP Production Volumes in Europe Itemized by Procedures/Components
(2008-2012E)

Composites Penetration in Various Market Segments (2011)

Dependent & Independent Variables (2005-2012)

Correlation Matrix

Model Summary – Coefficient of Determination

Regression Coefficients Output

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