

Pultrusion Market by type (Glass Fiber, Carbon Fiber and others), by Resin Type (Polyester, Vinyl Ester, Polyurethane and Others) by Application (Industrial, Housing, Civil Engineering, Consumers and others) and by Region - Global Trends and Forecasts to 2020

<https://marketpublishers.com/r/PB3A3D1F0FAEN.html>

Date: August 2015

Pages: 121

Price: US\$ 5,650.00 (Single User License)

ID: PB3A3D1F0FAEN

Abstracts

New technologies that combine FRP with traditional construction materials are expected to support pultrusion market in the civil infrastructure sector. Light weight and non-corrosion properties with less maintenance make pultrusion suitable for applications in construction activities near the coastal areas. Homeowners in North America and Europe are willing to spend extra money on products that assure them little or no maintenance. Pultruded products provide manufacturers and designers with benefits such as high strength-to-weight ratios, corrosion resistance, heat resistance, dielectric properties, and dimensional stability. Pultruded parts have widespread applications across varied industry verticals such as industrial, housing, automotive, civil engineering, aerospace & defense commercial sectors.

The global pultrusion market is estimated at USD 1,619.5 million in 2015 and is projected to reach USD 2,045.2 million by 2020, at a CAGR of 4.8% from 2015 to 2020.

The global pultrusion market is primarily driven by superior mechanical and physical properties. The combination of specific fibers and resin systems gives the product unique properties such as strength, stiffness and low weight that cannot be achieved with any other material. Pultruded products provide manufacturers and designers with benefits such as high strength-to-weight ratios, corrosion resistance, heat resistance, dielectric properties, and dimensional stability. FRP pultrusions are cost effective and versatile alternative to traditional materials, such as steel, aluminum and timber. FRP pultrusions weigh 75% less than steel and are non-corrosive. The increasing demand

for lightweight, high strength parts is expected to boost the overall growth of the global pultrusion market.

The report includes company profiles of major players, recent activities in the market, new product launches, mergers & acquisitions, collaborations and partnerships, and SWOT analysis.

Some of the companies profiled in this report are Strongwell Corporation (U.S.), Exel Composites (Finland), Bedford Reinforced Plastics (U.S.), Jiangsu Jiuding New Material Co. (China), Faigle Kunststoffe GmbH (Austria), Diversified Structural Composites (U.S.), Creative Pultrusions (U.S.) and others.

Available customization:

1. Pultrusion Application Market by country.
2. Three –Five new country level data.

Contents

1 INTRODUCTION

- 1.1 OBJECTIVES OF THE STUDY
- 1.2 MARKET DEFINITION
- 1.3 MARKET SCOPE
 - 1.3.1 MARKETS COVERED
 - 1.3.2 YEARS CONSIDERED FOR THE STUDY
- 1.4 CURRENCY
- 1.5 LIMITATIONS
- 1.6 STAKEHOLDERS

2 RESEARCH METHODOLOGY

- 2.1 RESEARCH DATA
 - 2.1.1 SECONDARY DATA
 - 2.1.1.1 Key data from secondary sources
 - 2.1.2 PRIMARY DATA
 - 2.1.2.1 Key data from primary sources
 - 2.1.2.2 Key industry insights
 - 2.1.2.3 Breakdown of primaries
- 2.2 MARKET SIZE ESTIMATION
 - 2.2.1 MARKET SIZE
- 2.3 MARKET BREAKDOWN & DATA TRIANGULATION
- 2.4 MARKET SHARE ESTIMATION
- 2.5 RESEARCH ASSUMPTION

3 EXECUTIVE SUMMARY

4 PREMIUM INSIGHTS

- 4.1 PULTRUSION MARKET SIZE BY 2020, BY VALUE
- 4.2 PULTRUSION MARKET–RESIN TYPE
- 4.3 PULTRUSION MARKET BY KEY APPLICATION
- 4.4 U.S. AND CHINA COMMAND THE MAJOR SHARE OF THE PULTRUSION MARKET
- 4.5 PULTRUSION APPLICATION MARKET SHARE, BY VALUE
- 4.6 APPLICATION INDUSTRY GROWTH MATRIX

5 MARKET OVERVIEW

5.1 INTRODUCTION

5.2 EVOLUTION

5.3 MARKET SEGMENTATION

5.3.1 BY FIBER TYPE

5.3.2 BY RESIN TYPE

5.3.3 BY APPLICATION

5.4 MARKET DYNAMICS

5.4.1 DRIVERS

5.4.1.1 Rapid urbanization and economic boom in emerging countries

5.4.1.2 Superior mechanical and physical properties

5.4.2 RESTRAINTS

5.4.2.1 Recyclable- related issues

5.4.2.2 High cost of raw material in comparison to traditional material

5.4.3 OPPORTUNITIES

5.4.3.1 Increase in penetration of pultruded profiles for various applications

5.4.3.2 New pultrusion techniques and technologies

5.4.4 CHALLENGES

5.4.4.1 High research & development cost

5.4.5 BURNING ISSUES

5.4.5.1 Need for Low-cost material and technologies

6 INDUSTRY TRENDS

6.1 INTRODUCTION

6.2 VALUE CHAIN ANALYSIS

6.3 RAW MATERIAL ANALYSIS

6.3.1 RAW MATERIAL ANALYSIS OF GLASS FIBER PULTRUSION

6.3.2 RAW MATERIAL ANALYSIS OF CARBON FIBER PULTRUSION

6.3.3 RAW MATERIAL ANALYSIS OF ARAMID FIBER COMPOSITES

6.4 PORTER'S FIVE FORCES ANALYSIS

6.4.1 THREAT OF NEW ENTRANTS

6.4.2 THREAT OF SUBSTITUTES

6.4.3 BARGAINING POWER OF SUPPLIERS

6.4.4 BARGAINING POWER OF BUYERS

6.4.5 INTENSITY OF COMPETITIVE RIVALRY

7 PULTRUSION MARKET, BY FIBER TYPE

- 7.1 INTRODUCTION
- 7.2 GLASS FIBER
- 7.3 CARBON FIBER
- 7.4 OTHERS

8 PULTRUSION MARKET, BY RESIN TYPE

- 8.1 INTRODUCTION
- 8.2 POLYESTER
- 8.3 VINYL ESTER
- 8.4 POLYURETHANE
- 8.5 OTHERS

9 PULTRUSION MARKET, BY APPLICATION

- 9.1 INTRODUCTION
- 9.2 INDUSTRIAL
- 9.3 HOUSING
- 9.4 CIVIL ENGINEERING
- 9.5 CONSUMER
- 9.6 OTHER APPLICATIONS

10 PULTRUSION MARKET, BY REGION

- 10.1 INTRODUCTION
- 10.2 ASIA-PACIFIC
- 10.3 NORTH AMERICA
- 10.4 EUROPE
- 10.5 ROW

11 COMPETITIVE LANDSCAPE

- 11.1 INTRODUCTION
- 11.2 COMPETITIVE SITUATION & TRENDS
- 11.3 COMPETITIVE ANALYSIS & TRENDS
 - 11.3.1 PARTNERSHIPS & AGREEMENTS, JOINT VENTURES & COLLABORATIONS

- 11.3.2 INVESTMENTS & EXPANSIONS
- 11.3.3 NEW PRODUCT LAUNCHES
- 11.4 ACQUISITIONS

12 COMPANY PROFILES

12.1 INTRODUCTION

(Business Overview, Products & Services, Key Insights, Recent Developments, SWOT Analysis, MnM View)*

- 12.2 STRONGWELL CORPORATION
- 12.3 EXEL COMPOSITES
- 12.4 BEDFORD REINFORCED PLASTICS
- 12.5 DIVERSIFIED STRUCTURAL COMPOSITES
- 12.6 FIBROLUX GMBH
- 12.7 JAMCO CORPORATION
- 12.8 FIBERGRATE COMPOSITE STRUCTURE INC.
- 12.9 JIANGSU JIUDING NEW MATERIAL CO. LTD.
- 12.10 FAIGLE KUNSTSOFFTE GMBH
- 12.11 GLASFORMS INC.

*Details on Business Overview, Products & Services, Key Insights, Recent Developments, SWOT Analysis, MnM View might not be captured in case of unlisted companies.

13 APPENDIX

- 13.1 OTHER DEVELOPMENTS
- 13.2 INSIGHTS OF INDUSTRY EXPERTS
- 13.3 DISCUSSION GUIDE
- 13.4 INTRODUCING RT: REAL TIME MARKET INTELLIGENCE
- 13.5 AVAILABLE CUSTOMIZATIONS
- 13.6 RELATED REPORTS

List Of Tables

LIST OF TABLES

Table 1 PULTRUSION MARKET SIZE (VOLUME & VALUE), 2013–2020

Table 2 IMPACT ANALYSIS OF DRIVERS

Table 3 IMPACT ANALYSIS OF RESTRAINTS

Table 4 IMPACT ANALYSIS OF OPPORTUNITIES

Table 5 IMPACT ANALYSIS OF CHALLENGES

Table 6 PULTRUSION MARKET SIZE, BY FIBER TYPE, 2013-2020 (KILOTONS)

Table 7 PULTRUSION MARKET SIZE, BY FIBER TYPE, 2013-2020 (USD MILLION)

Table 8 GLASS FIBER PULTRUSION MARKET SIZE, BY REGION, 2013-2020 (KILOTONS)

Table 9 GLASS FIBER PULTRUSION MARKET SIZE, BY REGION, 2013-2020 (USD MILLION)

Table 10 CARBON FIBER PULTRUSION MARKET SIZE, BY REGION, 2013-2020 (KILOTONS)

Table 11 CARBON FIBER PULTRUSION MARKET SIZE, BY REGION, 2013-2020 (USD MILLION)

Table 12 OTHER FIBERS PULTRUSION MARKET SIZE, BY REGION, 2013-2020 (KILOTONS)

Table 13 OTHER FIBER PULTRUSION MARKET SIZE, BY REGION, 2013-2020 (USD MILLION)

Table 14 PULTRUSION MARKET SIZE, BY RESIN TYPE, 2013-2020 (KILOTONS)

Table 15 PULTRUSION MARKET SIZE, BY APPLICATION, 2013-2020 (USD MILLION)

Table 16 POLYESTER RESIN BASED PULTRUSION MARKET SIZE, BY REGION, 2013-2020 (KILOTONS)

Table 17 POLYESTER RESIN BASED PULTRUSION MARKET SIZE, BY REGION, 2013-2020 (USD MILLION)

Table 18 VINYL ESTER BASED PULTRUSION MARKET SIZE, BY REGION, 2013-2020 (KILOTONS)

Table 19 VINYL ESTER BASED PULTRUSION MARKET SIZE, BY REGION, 2013-2020 (USD MILLION)

Table 20 POLYURETHANE BASED PULTRUSION MARKET SIZE, BY REGION, 2013-2020 (KILOTONS)

Table 21 POLYURETHANE BASED PULTRUSION MARKET SIZE, BY REGION, 2013-2020 (USD MILLION)

Table 22 OTHER RESIN BASED PULTRUSION MARKET SIZE, BY REGION,

2013-2020 (KILOTONS)

Table 23 OTHER RESIN BASED PULTRUSION MARKET SIZE, BY REGION,
2013-2020 (USD MILLION)

Table 24 PULTRUSION MARKET SIZE, BY APPLICATION, 2013-2020 (KILOTONS)

Table 25 PULTRUSION MARKET SIZE, BY APPLICATION, 2013-2020 (USD
MILLION)

Table 26 PULTRUSION MARKET IN INDUSTRIAL APPLICATION, BY REGION,
2013-2020 (KILOTONS)

Table 27 PULTRUSION MARKET IN INDUSTRIAL APPLICATION, BY REGION,
2013-2020 (USD MILLION)

Table 28 PULTRUSION MARKET IN HOUSING APPLICATION, BY REGION,
2013-2020 (KILOTONS)

Table 29 PULTRUSION MARKET IN HOUSING APPLICATION, BY REGION,
2013-2020 (USD MILLION)

Table 30 PULTRUSION MARKET IN CIVIL ENGINEERING APPLICATION, BY
REGION, 2013-2020 (KILOTONS)

Table 31 PULTRUSION MARKET IN CIVIL ENGINEERING APPLICATION, BY
REGION, 2013-2020 (USD MILLION)

Table 32 PULTRUSION MARKET IN CONSUMER APPLICATION, BY REGION,
2013-2020 (KILOTONS)

Table 33 PULTRUSION MARKET IN CONSUMER APPLICATION, BY REGION,
2013-2020 (USD MILLION)

Table 34 PULTRUSION MARKET IN OTHER APPLICATIONS, BY REGION,
2013-2020 (KILOTONS)

Table 35 PULTRUSION MARKET IN OTHER APPLICATIONS, BY REGION,
2013-2020 (USD MILLION)

Table 36 PULTRUSION MARKET SIZE, BY REGION, 2013-2020 (KILO TON)

Table 37 PULTRUSION MARKET SIZE, BY REGION, 2013-2020 (USD MILLION)

Table 38 ASIA-PACIFIC: PULTRUSION MARKET SIZE, BY COUNTRY, 2013-2020
(KILO TON)

Table 39 ASIA-PACIFIC: PULTRUSION MARKET SIZE, BY COUNTRY, 2013-2020
(USD MILLION)

Table 40 ASIA-PACIFIC: PULTRUSION MARKET SIZE, BY APPLICATION, 2013-2020
(KILO TON)

Table 41 ASIA-PACIFIC: PULTRUSION MARKET SIZE, BY APPLICATION, 2013-2020
(USD MILLION)

Table 42 ASIA-PACIFIC: PULTRUSION MARKET SIZE, BY FIBER TYPE, 2013-2020
(KILO TON)

Table 43 ASIA-PACIFIC: PULTRUSION MARKET SIZE, BY FIBER TYPE, 2013-2020

(USD MILLION)

Table 44 ASIA-PACIFIC: PULTRUSION MARKET SIZE, BY RESIN TYPE, 2013-2020
(KILO TON)

Table 45 ASIA-PACIFIC: PULTRUSION MARKET SIZE, BY RESIN TYPE, 2013-2020
(USD MILLION)

Table 46 NORTH AMERICA: PULTRUSION MARKET SIZE, BY COUNTRY, 2013-2020
(KILO TON)

Table 47 NORTH AMERICA: PULTRUSION MARKET SIZE, BY COUNTRY, 2013-2020
(USD MILLION)

Table 48 NORTH AMERICA: PULTRUSION MARKET SIZE, BY APPLICATION,
2013-2020 (KILO TON)

Table 49 NORTH AMERICA: PULTRUSION MARKET SIZE, BY APPLICATION,
2013-2020 (USD MILLION)

Table 50 NORTH AMERICA: PULTRUSION MARKET SIZE, BY FIBER TYPE,
2013-2020 (KILO TON)

Table 51 NORTH AMERICA: PULTRUSION MARKET SIZE, BY FIBER TYPE,
2013-2020 (USD MILLION)

Table 52 NORTH AMERICA: PULTRUSION MARKET SIZE, BY RESIN TYPE,
2013-2020 (KILO TON)

Table 53 NORTH AMERICA: PULTRUSION MARKET SIZE, BY RESIN TYPE,
2013-2020 (USD MILLION)

Table 54 EUROPE: PULTRUSION MARKET SIZE, BY COUNTRY, 2013-2020 (KILO
TON)

Table 55 EUROPE: PULTRUSION MARKET SIZE, BY COUNTRY, 2013-2020 (USD
MILLION)

Table 56 EUROPE: PULTRUSION MARKET SIZE, BY APPLICATION, 2013-2020
(KILO TON)

Table 57 EUROPE: PULTRUSION MARKET SIZE, BY APPLICATION, 2013-2020
(USD MILLION)

Table 58 EUROPE: PULTRUSION MARKET SIZE, BY TYPE, 2013-2020 (KILO TON)

Table 59 EUROPE: PULTRUSION MARKET SIZE, BY FIBER TYPE, 2013-2020 (USD
MILLION)

Table 60 EUROPE: PULTRUSION MARKET SIZE, BY RESIN TYPE, 2013-2020 (KILO
TON)

Table 61 EUROPE: PULTRUSION MARKET SIZE, BY RESIN TYPE, 2013-2020 (USD
MILLION)

Table 62 ROW: PULTRUSION MARKET SIZE, BY COUNTRY, 2013-2020 (KILO TON)

Table 63 ROW: PULTRUSION MARKET SIZE, BY COUNTRY, 2013-2020 (USD
MILLION)

Table 64 ROW: PULTRUSION MARKET SIZE, BY APPLICATION, 2013-2020 (KILO TON)

Table 65 ROW: PULTRUSION MARKET SIZE, BY APPLICATION, 2013-2020 (USD MILLION)

Table 66 ROW: PULTRUSION MARKET SIZE, BY FIBER TYPE, 2013-2020 (KILO TON)

Table 67 ROW: PULTRUSION MARKET SIZE, BY FIBER TYPE, 2013-2020 (USD MILLION)

Table 68 ROW: PULTRUSION MARKET SIZE, BY RESIN TYPE, 2013-2020 (KILO TON)

Table 69 ROW: PULTRUSION MARKET SIZE, BY RESIN TYPE, 2013-2020 (USD MILLION)

Table 70 PARTNERSHIPS, AGREEMENTS, JOINT VENTURES & COLLABORATIONS, 2014-2015

Table 71 INVESTMENTS & EXPANSIONS, 2010-2013

Table 72 NEW PRODUCT LAUNCHES, 2014

Table 73 ACQUISITIONS, 2012-2013

List Of Figures

LIST OF FIGURES

Figure 1 PULTRUSION MARKET SEGMENTATION

Figure 2 PULTRUDED PRODUCTS MARKET: RESEARCH DESIGN

Figure 3 BREAKDOWN OF PRIMARY INTERVIEWS: BY COMPANY TYPE, DESIGNATION, & REGION

Figure 1 MARKET SIZE ESTIMATION METHODOLOGY: BOTTOM-UP APPROACH

Figure 2 MARKET SIZE ESTIMATION METHODOLOGY: TOP-DOWN APPROACH

Figure 3 MARKET BREAKDOWN & DATA TRIANGULATION

Figure 4 INDUSTRIAL SEGMENT SET TO DRIVE THE PULTRUSION MARKET FROM 2015 TO 2020

Figure 5 ASIA-PACIFIC DOMINATED THE PULTRUSION MARKET, BY VALUE (2014)

Figure 6 POLYESTER RESIN TYPE IS PREFERABLY USED FOR PULTRUSION

Figure 7 ATTRACTIVE MARKET OPPORTUNITIES IN PULTRUSION MARKET, 2015–2020

Figure 8 POLYESTER IS THE MAJOR RESIN TYPE TO BE USED IN PULTRUSION MARKET BETWEEN 2015 AND 2020

Figure 9 ASIA-PACIFIC DOMINATES THE GLOBAL PULTRUSION APPLICATION MARKET

Figure 10 U.S. AND CHINA COMMAND MAJOR SHARE OF THE PULTRUSION MARKET

Figure 11 INDUSTRIAL SECTOR PROJECTED TO DOMINATE THE ASIA-PACIFIC PULTRUSION MARKET FROM 2015 TO 2020

Figure 12 INDUSTRIAL APPLICATIONS ARE EXPECTED TO GROW AT THE HIGHEST PACE FROM 2015 TO 2020

Figure 13 DEVELOPMENT AND COMMERCIALIZATION OF PULTRUSION FOR INDUSTRY APPLICATIONS

Figure 14 PULTRUSION MARKET, BY FIBER TYPE

Figure 15 PULTRUSION MARKET, BY RESIN TYPE

Figure 16 PULTRUSION MARKET, BY APPLICATION

Figure 17 DRIVERS, RESTRAINTS, OPPORTUNITIES, AND CHALLENGES IN PULTRUSION MARKET

Figure 18 VALUE CHAIN ANALYSIS: MOST VALUE IS ADDED DURING RAW MATERIAL PHASE

Figure 19 RAW MATERIAL ANALYSIS OF CARBON FIBER COMPOSITES

Figure 20 RAW MATERIAL ANALYSIS OF ARAMID FIBER COMPOSITES

Figure 21 PORTER'S FIVE FORCES: INTENSITY OF RIVALRY IS HIGH DUE TO

PRESENCE OF LARGE NUMBER OF PLAYERS

Figure 22 GLASS FIBER DOMINATES THE PULTRUSION MARKET, 2015 VS. 2020

Figure 23 CARBON FIBER IN NORTH AMERICA IS EXPECTED TO GROW AT A FASTER RATE, 2015-2020

Figure 24 POLYESTER RESIN TO OUTPACE OTHER RESINS IN PULTRUSION MARKET, 2015 VS. 2020

Figure 25 POLYURETHANE BASED PULTRUSION IN ASIA-PACIFIC IS EXPECTED TO GROW AT A FASTER RATE, 2015-2020

Figure 26 INDUSTRIAL APPLICATIONS TO DOMINATE DURING THE FORECAST PERIOD

Figure 27 NORTH AMERICA IS EXPECTED TO DOMINATE THE PULTRUSION MARKET HOUSING APPLICATIONS

Figure 28 ASIA-PACIFIC PULTRUSION MARKET IN CONSUMER APPLICATIONS IS EXPECTED TO GROW AT A FASTER RATE, 2015-2020

Figure 29 REGIONAL SNAPSHOT—INDIA IS EXPECTED TO DRIVE THE PULTRUSION MARKET DURING THE FORECAST PERIOD (2015-2020)

Figure 30 ASIA-PACIFIC PULTRUSION MARKET SNAPSHOT- CHINA IS THE MOST LUCRATIVE MARKET

Figure 31 U.S. IS THE KEY MARKET FOR THE PULTRUSION MARKET IN NORTH AMERICA

Figure 32 INDUSTRIAL APPLICATIONS ARE EXPECTED TO DRIVE THE PULTRUSION MARKET IN THE ROW REGION FROM 2015 TO 2020

Figure 33 COMPANIES PREFERRED INORGANIC GROWTH STRATEGIES OVER THE PERIOD OF 2011-2015

Figure 34 PARTNERSHIPS & AGREEMENTS IS THE KEY STRATEGY ADOPTED BY MAJOR PLAYERS IN PULTRUSION INDUSTRY

Figure 35 REGIONAL REVENUE MIX OF TOP 3 MARKET PLAYERS

Figure 36 STRONGWELL CORPORATION: SWOT ANALYSIS

Figure 37 EXEL COMPOSITES: COMPANY SNAPSHOT

Figure 38 EXEL COMPOSITES: SWOT ANALYSIS

Figure 39 BEDFORD REINFORCED PLASTICS: SWOT ANALYSIS

Figure 40 DIVERSIFIED STRUCTURAL COMPOSITES: SWOT ANALYSIS

Figure 41 FIBROLUX GMBH: SWOT ANALYSIS

Figure 42 JAMCO CORPORATION: COMPANY SNAPSHOT

Figure 43 JAMCO CORPORATION: SWOT ANALYSIS

Figure 44 FIBERGRATE COMPOSITE STRUCTURE INC: SWOT ANALYSIS

Figure 45 JIANGSU JIUDING NEW MATERIAL CO. LTD.: COMPANY SNAPSHOT

I would like to order

Product name: Pultrusion Market by type (Glass Fiber, Carbon Fiber and others), by Resin Type (Polyester, Vinyl Ester, Polyurethane and Others) by Application (Industrial, Housing, Civil Engineering, Consumers and others) and by Region - Global Trends and Forecasts to 2020

Product link: <https://marketpublishers.com/r/PB3A3D1F0FAEN.html>

Price: US\$ 5,650.00 (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/PB3A3D1F0FAEN.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