Global Composite Preforms Market by Application Segment, by Fiber Type, by Product Type, by Structure Type, and by Region, Trend, Forecast, Competitive Analysis, and Growth Opportunity: 2016 - 2021

Description:
‘Global Composite Preforms Market by Application Segment (Aerospace & Defense, Automotive, Consumer Goods, Infrastructure, Medical, Marine, and Others), by Fiber Type (Glass Fiber, Carbon Fiber, and Others), by Product Type (Braiding, Weaving, Stitching, and Knitting), by Structure Type (One-D, Two-D, and Three-D), and by Region (North America, Europe, Asia-Pacific, and Rest of the World), Trend, Forecast, Competitive Analysis, and Growth Opportunity: 2016 - 2021’

This report studies the global composite preforms market over the period 2010 to 2021. The report provides detailed insights on the market dynamics to enable informed business decision making and growth strategy formulation based on the opportunities present in the market.

The Opportunity for Global Composite Preforms Market: Highlights

Composite preforms have been used for almost 80 years in the infusion molding process. Composite preform is a preshaped fiber form. The fibers are arranged in one, two or three dimensions in the approximate shape, contour and thickness desired in the finished composite part. Currently most of the composite preforms are used in the turbofan engine applications for commercial aircraft, such as fan blade. The composite preform technology in aerospace and defense industry has gained acceptance over the years.

The two or three dimensional composite preforms are also capable of being used in the manufacturing of high performance composite parts for automotive industry, but most of the auto makers have disowned it due to perceived high cost and auto makers' change averse culture. During the last ten years, governments of many countries have imposed stringent regulations on the automotive industry by setting up targets related to vehicle's fuel efficiency and carbon emission, which compelled auto OEMs to look for the best alternatives for achieving those targets. Composite preform is one of the best options for achieving those targets. Currently, many OEMs are heavily betting on composite preforms based highly automated High Pressure Resin Transfer Molding (HP-RTM) for their structural applications in their mass produced vehicles.

The global composite preforms market offers a healthy growth opportunity and is likely to grow at an 8.5% CGAR during the forecast period of 2016 to 2021. Ability to develop complex parts, excellent product strength, and shortened cycle time are the major drivers providing growth momentum to the global composite preforms market.

Aerospace and defense is expected to remain dominant in the composite preforms market whereas automotive is expected to experience the fastest growth in the next five years.

North America is expected to remain the dominant region in the composite preforms market being the manufacturing hub of the major turbofan engine OEMs.

The supply chain of this market comprises raw material manufacturers, composite preform manufacturers, part fabricators, and OEMs in automotive, aerospace & defense, etc. The key aerospace engine manufacturers are CFM, GE Aviation Engines, and Pratt & Whitney and key automotive OEMs are BMW, GM, Toyota, and Ford.

The key composite preform manufactures are A&P technology, Albany Engineered Composites, Bally Ribbon Mills, Sigmatex, SGL Kumpers GmbH. New product development, regional expansion, and joint product development with OEMs are the key strategies adopted by the key players to gain competitive edge in the market.

Research Methodology:

This report offers high quality insights and is the outcome of detailed research methodology comprising
extensive secondary research, rigorous primary interviews with industry stakeholders and validation and triangulation with the publisher’s internal database and statistical tools. More than 700 authenticated secondary sources, such as company annual reports, fact book, press release, journals, investor presentation, white papers, patents, and articles have been leveraged to gather the data. More than 15 detailed primary interviews with the market players across the value chain in the all four regions and industry experts have been executed to obtain both the qualitative and quantitative insights.

Report Features:

This report provides market intelligence in the most comprehensive way. The report structure has been kept such that it offers maximum business value. It provides critical insights on the market dynamics and will enable strategic decision making for the existing market players as well as those willing to enter the market. The following are the key features of the report:

- Market structure: Overview, industry life cycle analysis, supply chain analysis
- Market environment analysis: Growth drivers and constraints, Porter’s five forces analysis, SWOT analysis
- Market trend and forecast analysis
- Market segment trend and forecast
- Competitive landscape and dynamics: Market share, product portfolio, product launches, etc.
- Attractive market segments and associated growth opportunities
- Emerging trends
- Strategic growth opportunities for the existing and new players
- Key success factors

The global composite preform market is segmented into the following categories.

Global Composite Preform Market by Application Segment:

- Aerospace and Defense
- Automotive
- Consumer Goods
- Infrastructure
- Medical
- Marine
- Others

Global Composite Preform Market by Fiber Type:

- Glass Fiber
- Carbon Fiber
- Other Fibers

Global Composite Preform Market by Product Type:

- Braiding
- Weaving
- Stitching
- Knitting

Global Composite Preform Market by Structure Type:

- One D
- Two D
- Three D

Global Composite Preform Market by Region

- North America
- Europe
- Asia - Pacific
- Rest of the World

PLEASE NOTE: This report will be completed after order and will take up to 48 hours after confirmation of payment.
1. Executive Summary

2. Industry Overview
   2.1. Introduction
   2.2. Industry Life Cycle Analysis
   2.3. Supply Chain Analysis
   2.4. Market Segmentation
      2.4.1. By End Use Industry
      2.4.2. By Fiber Type
      2.4.3. By Product Type
      2.4.4. By Structure Type
      2.4.5. By Region

3. Market Environment Analysis
   3.2. Market Drivers
   3.3. Market Constraints
   3.4. Porter Five Forces Analysis
       3.4.1. Bargaining Power of Suppliers
       3.4.2. Bargaining Power of Customers
       3.4.3. Threat of New Entrants
       3.4.4. Threat of Substitutes
       3.4.5. Competitive Rivalry
   3.5. SWOT Analysis

4. Global Composite Preforms Market - By End Use Industry
   4.1. Strategic Insights
   4.2. Global Composite Preforms Market by End Use Industry in 2015
   4.3. Global Composite Preforms Market Trend and Forecast by End Use Industry (US$ Million)
   4.4. Global Composite Preforms Market Trend and Forecast by End Use Industry (In Million lbs)
   4.5. Growth Magnitude of the Global Composite Preforms Market by End Use Industry
   4.6. Aerospace and Defense: Global Composite Preforms Market Trend and Forecast (US$ Million and Million lbs)
   4.7. Automotive: Global Composite Preforms Market Trend and Forecast (US$ Million and Million lbs)
   4.9. Infrastructure: Global Composite Preforms Market Trend and Forecast (US$ Million and Million lbs)
   4.10. Medical: Global Composite Preforms Market Trend and Forecast (US$ Million and Million lbs)
   4.11. Marine: Global Composite Preforms Market Trend and Forecast (US$ Million and Million lbs)

5. Global Composite Preforms Market - By Fiber Type
   5.1. Strategic Insights
   5.2. Global Composite Preforms Market by Fiber Type in 2015
   5.3. Global Composite Preforms Market Trend and Forecast by Fiber Type (US$ Million)
   5.4. Global Composite Preforms Market Trend and Forecast by Fiber Type (In Million lbs)
   5.5. Growth Magnitude of the Global Composite Preforms Market by Fiber Type
   5.6. Glass Fiber based Global Composite Preforms Market Trend and Forecast (US$ Million and Million lbs)
   5.7. Carbon Fiber based Global Composite Preforms Market Trend and Forecast (US$ Million and Million lbs)
   5.8. Other Fibers based Global Composite Preforms Market Trend and Forecast (US$ Million and Million lbs)

6. Global Composite Preforms Market - By Product Type
   6.1. Strategic Insights
6.2. Global Composite Preforms Market by Product Type in 2015
6.3. Global Composite Preforms Market Trend and Forecast by Product Type (US$ Million)
6.4. Global Composite Preforms Market Trend and Forecast by Product Type (In Million lbs)
6.5. Growth Magnitude of the Global Composite Preforms Market by Product Type
6.6. Braiding: Global Composite Preforms Market Trend and Forecast (US$ Million and Million lbs)
6.7. Weaving: Global Composite Preforms Market Trend and Forecast (US$ Million and Million lbs)
6.8. Stitching: Global Composite Preforms Market Trend and Forecast (US$ Million and Million lbs)
6.9. Knitting: Global Composite Preforms Market Trend and Forecast (US$ Million and Million lbs)

7. Global Composite Preforms Market - By Structure Type
7.1. Strategic Insights
7.2. Global Composite Preforms Market by Structure Type in 2015
7.3. Global Composite Preforms Market Trend and Forecast by Structure Type (US$ Million)
7.4. Global Composite Preforms Market Trend and Forecast by Structure Type (In Million lbs)
7.5. Growth Magnitude of the Global Composite Preforms Market by Structure Type
7.6. One Dimension: Global Composite Preforms Market Trend and Forecast (US$ Million and Million lbs)
7.7. Two Dimension: Global Composite Preforms Market Trend and Forecast (US$ Million and Million lbs)
7.8. Three Dimension: Global Composite Preforms Market Trend and Forecast (US$ Million and Million lbs)

8. Global Composite Preforms Market - By Region
8.1. Strategic Insights
8.2. Global Composite Preforms Market by Region in 2015
8.3. Global Composite Preforms Market Trend and Forecast by Region (US$ Million)
8.4. Global Composite Preforms Market Trend and Forecast by Region (In Million lbs)
8.5. Growth Magnitude of the Global Composite Preforms Market by Region
8.7. Europe: Composite Preforms Market Trend and Forecast (US$ Million and Million lbs)
8.8. Asia - Pacific: Composite Preforms Market Trend and Forecast (US$ Million and Million lbs)
8.9. Rest of the World: Composite Preforms Market Trend and Forecast (US$ Million and Million lbs)

9. Competitive Analysis
9.1. Strategic Insights
9.2. Product Portfolio Analysis
9.3. Presence by Application Segment
9.4. Geographical Presence
9.5. New Product Launches
9.6. Mergers and Acquisitions
9.7. Market Share Analysis

10. Strategic Growth Opportunities
10.1. Strategic Insights
10.2. Market Attractive Analysis
10.2.1. Market Attractiveness by End Use Industry
10.2.2. Market Attractiveness by Fiber Type
10.2.3. Market Attractiveness by Product Type
10.2.4. Market Attractiveness by Structure Type
10.2.5. Market Attractiveness by Region
10.3. Emerging Trends
10.4. Key Success Factors
10.5. Growth Matrix Analysis
11. Company Profile of Key Players
11.1. A&P Technology
11.2. Albany Engineered Composites
11.3. Bally Ribbon Mills
11.4. Compsys Inc.
11.5. Fabric Development Inc.
11.6. Sigmatex
11.7. SGL Kumpers GmbH

Order by Fax - using the form below
Order by Post - print the order form below and send to
Research and Markets,
Guinness Centre,
Taylors Lane,
Dublin 8,
Ireland.
Fax Order Form
To place an order via fax simply print this form, fill in the information below and fax the completed form to 646-607-1907 (from USA) or +353-1-481-1716 (from Rest of World). If you have any questions please visit http://www.researchandmarkets.com/contact/

Order Information
Please verify that the product information is correct and select the format(s) you require.

Product Name: Global Composite Preforms Market by Application Segment, by Fiber Type, by Product Type, by Structure Type, and by Region, Trend, Forecast, Competitive Analysis, and Growth Opportunity: 2016 - 2021
Web Address: http://www.researchandmarkets.com/reports/3788382/
Office Code: SC2GU29F

Product Formats
Please select the product formats and quantity you require:

<table>
<thead>
<tr>
<th>Quantity</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>Electronic (PDF) - Single User:</td>
<td>USD 4290</td>
</tr>
<tr>
<td>Electronic (PDF) - Enterprisewide:</td>
<td>USD 7590</td>
</tr>
</tbody>
</table>

* The price quoted above is only valid for 30 days. Please submit your order within that time frame to avail of this price as all prices are subject to change.

Contact Information
Please enter all the information below in BLOCK CAPITALS

Title: [ ] Mr [ ] Mrs [ ] Dr [ ] Miss [ ] Ms [ ] Prof
First Name: ___________________________ Last Name: ___________________________
Email Address: * ___________________________
Job Title: ___________________________
Organisation: ___________________________
Address: ___________________________
City: ___________________________
Postal / Zip Code: ___________________________
Country: ___________________________
Phone Number: ___________________________
Fax Number: ___________________________

* Please refrain from using free email accounts when ordering (e.g. Yahoo, Hotmail, AOL)
Payment Information

Please indicate the payment method you would like to use by selecting the appropriate box.

☐ Pay by credit card: You will receive an email with a link to a secure webpage to enter your credit card details.

☐ Pay by check: Please post the check, accompanied by this form, to:
Research and Markets,
Guinness Center,
Taylors Lane,
Dublin 8,
Ireland.

☐ Pay by wire transfer: Please transfer funds to:

<table>
<thead>
<tr>
<th>Account number</th>
<th>833 130 83</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sort code</td>
<td>98-53-30</td>
</tr>
<tr>
<td>Swift code</td>
<td>ULSBIE2D</td>
</tr>
<tr>
<td>IBAN number</td>
<td>IE78ULSB98533083313083</td>
</tr>
<tr>
<td>Bank Address</td>
<td>Ulster Bank, 27-35 Main Street, Blackrock, Co. Dublin, Ireland.</td>
</tr>
</tbody>
</table>

If you have a Marketing Code please enter it below:

Marketing Code: ______________________

Please note that by ordering from Research and Markets you are agreeing to our Terms and Conditions at http://www.researchandmarkets.com/info/terms.asp

Please fax this form to:
(646) 607-1907 or (646) 964-6609 - From USA
+353-1-481-1716 or +353-1-653-1571 - From Rest of World