Growth Opportunities in the Global Advanced Composites Market

Published: April 2017

Trends, opportunities and forecast in this market to 2022 by end use industries (Aerospace & Defense, Wind Energy, Automotive, Marine, Construction, Electrical/electronics, Consumer Goods, Pressure Vessels, and Others), fiber type (Carbon Composites, S-Glass Composites and Aramid Composites), resin type (Epoxy Composites, Phenolic Composites, Vinyl ester Composites, Cyanate and BMI Composites, Thermoplastic Composites), and region (North America, Europe, Asia Pacific, and the Rest of the World)

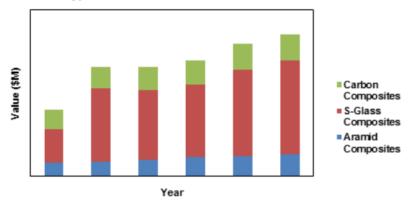
Report Features

The global advanced composites market looks promising with opportunities in various end use industries such as aerospace & defense, wind energy, transportation, marine, construction, electrical/electronics, consumer goods, and pressure vessels. The global advanced composites material market is expected to reach an estimated \$5.2 billion by 2022 and it is forecast to grow at a CAGR of 8.0% from 2017 to 2022. The global advanced composites end product market is expected to reach an estimated \$17.1 billion by 2022. The major drivers of growth for this market are increasing demand of lightweight materials in the aerospace & defense and automotive industry.

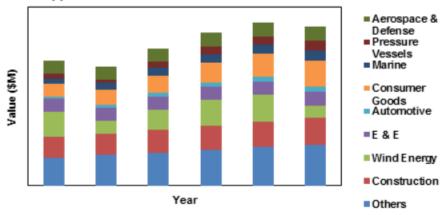
Emerging trends, which have a direct impact on the dynamics of the advanced composites industry, include increased demand for carbon fiber which has high tensile strength, modulus, and compatibility with different resins.

A total of 198 figures / charts and 140 tables are provided in this 249-page report to help in your business decisions. Sample figures with some insights are shown below. To learn the scope of, benefits, companies researched and other details of thisadvanced composites market report, download the report brochure.

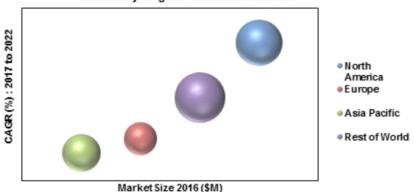
Global Advanced Composites Market (\$M) Trends by Fiber Type from 2011 to 2016- SAMPLE FIGURE



Global Advanced Composites Market (\$M) Forecast by Application from 2017 to 2022- SAMPLE FIGURE



Growth Opportunities for the Global Advanced Composites Market by Region- SAMPLE FIGURE



The study includes advanced composites market size, and forecast for the global advanced composites market through 2022 by end use industries, fiber type, resin type, and region, as follows:

Advanced Composites by end use industries (\$ Million and Million Pounds from 2011 to 2022)

- · Aerospace & Defense
- Wind Energy
- Automotive
- Marine
- Construction
- E&E
- Consumer Goods
- Pressure Vessels
- Others

Advanced Composites by Fiber Type (\$ Million and Million Pounds from 2011 to 2022)

- Carbon Composites
- S-Glass Composites
- Aramid Composites

Advanced Composites by Resin Type (\$ Million and Million Pounds from 2011 to 2022)

- Epoxy Composites
- Phenolic Composites
- Vinyl ester Composites
- · Thermoplastic Composites
- Other Composites

Advanced Composites by Region (\$ million and Million Pounds from 2011 to 2022)

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

Advanced composites companies profiled in this market include Toray, Teijin, Mitsubishi Rayon, Hexcel, Dupont, Hexion, Huntsman, and Olin Epoxy are the major advanced composite manufacturers in the global advanced composites market.

Lucintel forecasts that the transportation is expected to show above average growth during the forecast period. Growing demand for lightweight materials in the automotive industry is expected to spur growth for this segment over the forecast period.

Within the global advanced composites market, aerospace & defense application is expected to be to remain the largest market by volume and value consumption. The major driver for this segment is the increase penetration of composites in next generation commercial aircraft, like Boeing's B787 and Airbus 380, regional aircraft such as Bombardier's C Series, and general aviation aircraft such as Cirrus and Diamond.

Some of the features of "Growth Opportunities in the Global Advanced Composites Market 2017-2022: Trends, Forecast, and Opportunity Analysis" include:

Market size estimates: Global advanced composites market size estimation in terms of value (\$B) and volume (million pounds) shipment.

Trend and forecast analysis: Market trend (2011-2016) and forecast (2017-2022) by segments and region.

Segmentation analysis: Global advanced composites market size by various applications such as end use industry, fiber, and resin in terms of value and volume shipment.

Regional analysis: Global advanced composites market breakdown by key regions such as North America, Europe, and Asia & Rest of World.

Growth opportunities: Analysis on growth opportunities in different applications and regions of advanced composites market.

Strategic analysis: This includes M&A, new product development, and competitive landscape of advanced composites suppliers.

Analysis of competitive intensity of the industry based on Porter's Five Forces model.

This report answers following 11 key questions:

- Q.1. What are some of the most promising, high-growth opportunities for the global advanced composites market by end use industries (Aerospace & Defense, Wind Energy, Automotive, Marine, Construction, Electrical/electronics, Consumer Goods, Pressure Vessels, and Others), fiber type (Carbon Composites, S-Glass Composites and Aramid Composites), resin type (Epoxy Composites, Phenolic Composites, Vinyl ester Composites, Cyanate and BMI Composites, Thermoplastic Composites), and region (North America, Europe, Asia Pacific, and the Rest of the World)?
- Q.2. Which segments will grow at a faster pace and why?
- Q.3. Which region will grow at a faster pace and why?
- Q.4 What are the key factors affecting market dynamics? What are the drivers, challenges and business risks in advanced composites market?
- Q.5. What are the business risks and competitive threats in advanced composites market?
- Q.6. What are the emerging trends in advanced composites market and reasons behind them?
- Q.7. What are some of the changing demands of customers in the advanced composites market?
- Q.8. What are the new developments in the advanced composites market? Which companies are leading these developments?
- Q.9. Who are the major players in advanced composites market? What strategic initiatives are key players pursuing for business growth?
- Q.10. What are some of the competing products in advanced composites market and how big of a threat do they pose for loss of market share by material / product substitution?
- Q.11. What M & A activities by the major advanced composites suppliers in last 5 years in advanced composites market?