

Global Composite Material Market Outlook to 2027

<https://marketpublishers.com/r/G6D765F6BC3AEN.html>

Date: January 2022

Pages: 212

Price: US\$ 4,490.00 (Single User License)

ID: G6D765F6BC3AEN

Abstracts

A composite material is majorly a combination of two materials with different chemical and physical properties. When they are combined they create a material with specialized properties, for instance to become lighter, stronger, or resistant to electricity. According to BlueQuark Research & Consulting, the global Composite Material market is expected to witness significant growth rate during the forecast period. The market for composite material is being driven by the demand for lightweight automotive and emerging use and popularity of 3D printing among various end-users. However, high cost of raw material and their products is likely to hinder the growth of the composite material market.

Asia-Pacific region is expected to be the largest market for global composite material due to its high consumption from the region's end-user industries and rapid industrialization. Beside this, huge inflow of investments in the construction sector of countries, such as China, India, Vietnam, Singapore, and Japan has positively impacted the growth of the studied market.

Carbon fibers also referred as graphite fibers mainly based on three chemical sources polyacrylonitrile, rayon, and petroleum pitch is likely to drive the market. CF weighs about one-fifth as much as steel and is better in terms of stiffness and strength. According to the Oak Ridge National Laboratory, they also do not rust or corrode like steel or aluminum, and they could significantly increase vehicle fuel economy by reducing vehicle weight by as much as 60 percent hence experiencing increased demand from automotive industries. Further, roughly 25% of wind turbines are now manufactured with carbon fiber spar caps to provide lighter weight the massive structures without Performance sacrifices.

The global market for composite material is moderately fragmented with major players, including TORAY INDUSTRIES, INC., 3M, Cabot Corporation, Dupont, and Owens

Corning, among others.

In June 2018, Airborne Oil & Gas (AOG, IJmuiden, The Netherlands) began a qualification program of a thermoplastic composite pipe (TCP) riser that aims to provide a disruptive new riser pipe technology for operators, with international deep water applications

GlobalComposite Material Market report provides deep insight into the current and future Composite Material market state across various regions. The study comprehensively analyzes the Composite Material market by segmenting based on Resin (Thermoset Resin, Thermoplastic Resin), By Fiber Type (Glass Fiber, Carbon Fiber, Aramid Fiber, and Others), By Process (Continuous Lamination, Direct LFT Compression & Injection, Filament Winding, Hand Lay-Up, Pultrusion, Resin Infusion, Sheet Molding Compound (SMC), Spray-Up, and Others), By End-Use (Building & Construction, Consumer Goods Electrical and Electronics, Energy Generation, Industrial & Infrastructure, Transportation, Aerospace & Defense, and Others), and Geography (Asia-Pacific, North America, Europe, South America, and Middle-East and Africa). The report examines the market drivers and restraints, along with the impact of Covid-19 on the market growth in detail. The study covers & includes emerging market trends, developments, opportunities, and challenges in the industry. This report also covers extensively researched competitive landscape section with profiles of major companies, including their market shares and projects.

Contents

1. Executive Summary

2. Research Scope and Methodology

- 2.1 Aim & Objective of the study
- 2.2 Market Definition
- 2.3 Study Information
- 2.4 General Study Assumptions
- 2.5 Research Phases

3. Market Analysis

- 3.1 Introduction
- 3.2 Market Dynamics
 - 3.2.1 Drivers
 - 3.2.2 Restraints
- 3.3 Market Trends & Developments
- 3.4 Market Opportunities
- 3.5 Feedstock Analysis
- 3.6 Regulatory Policies
- 3.7 Analysis of Covid-19 Impact

4. Industry Analysis

- 4.1 Supply Chain Analysis
- 4.2 Porter's Five Forces Analysis
 - 4.2.1 Competition in the Industry
 - 4.2.2 Potential of New Entrants into the Industry
 - 4.2.3 Bargaining Power of Suppliers
 - 4.2.4 Bargaining Power of Consumers
 - 4.2.5 Threat of substitute products

5. Market Segmentation & Forecast

[5.1 By Resin](#)

5.1.1

Thermoset Resin

5.1.2

Thermoplastic Resin

5.2 By Fiber Type

- 5.2.1
Glass Fiber
- 5.2.2
Carbon Fiber
- 5.2.3
Aramid Fiber
- 5.2.4
Others
- 5.3 By
Process
 - 5.3.1
Continuous Lamination
 - 5.3.2
Direct LFT Compression & Injection
 - 5.3.3
Filament Winding
 - 5.3.4 Hand
Lay-Up
 - 5.3.5
Pultrusion
 - 5.3.6
Resin Infusion
 - 5.3.7
Sheet Molding Compound (SMC)
 - 5.3.8
Spray-Up
 - 5.3.9
Others
- 5.4 By End-Use
 - 5.4.1 Building & Construction
 - 5.4.2 Consumer Goods Electrical and Electronics
 - 5.4.3 Energy Generation
 - 5.4.4 Industrial & Infrastructure
 - 5.4.5 Transportation
 - 5.4.6 Aerospace & Defense
 - 5.4.7 Others

Regional Market Analysis

5.1 North America

- 6.1.1 United States
- 6.1.2 Canada
- 6.1.3 Mexico
- 6.2 Europe
 - 6.2.1 Germany
 - 6.2.2 United Kingdom
 - 6.2.3 Italy
 - 6.2.4 France
 - 6.2.5 Rest of Europe
- 6.3 Asia-Pacific
 - 6.3.1 China
 - 6.3.2 India
 - 6.3.3 Japan
 - 6.3.4 South Korea
 - 6.3.5 ASEAN Countries
 - 6.3.6 Rest of Asia-Pacific
- 6.4 South America
 - 6.4.1 Brazil
 - 6.4.2 Argentina
 - 6.4.3 Rest of South America
- 6.5 Middle East & Africa
 - 6.5.1 South Africa
 - 6.5.2 Saudi Arabia
 - 6.5.3 Rest of Middle East & Africa

Company Profiles

ay Industries, Inc.

ont

F7.5 DWI Holding B.V.

posite Universal Group

ot Corporation

IN LIMITED.

ubishi Chemical Carbon Fiber and

es, Inc.

vens Corning

companies is not exhaustive

Competitive Landscape

of Notable Players in the Market
A, JV, and Agreements
Market Share Analysis
Strategies of Key Players

Conclusions and Recommendations

List Of Tables

LIST OF TABLES

Global Composite Material Market, in USD Million, 2016-2025

Thermoset Resin - Composite Material Market, in USD Million, 2016-2025

Thermoplastic Resin - Composite Material Market, in USD Million, 2016-2025

Glass Fiber - Composite Material Market, in USD Million, 2016-2025

Carbon Fiber - Composite Material Market, in USD Million, 2016-2025

Aramid Fiber - Composite Material Market, in USD Million, 2016-2025

Continuous Lamination - Composite Material Market, in USD Million, 2016-2025

Direct LFT Compression & Injection - Composite Material Market, in USD Million, 2016-2025

Filament Winding - Composite Material Market, in USD Million, 2016-2025

Hand Lay-Up - Composite Material Market, in USD Million, 2016-2025

Pultrusion - Composite Material Market, in USD Million, 2016-2025

Resin Infusion - Composite Material Market, in USD Million, 2016-2025

Sheet Molding Compound (SMC) - Composite Material Market, in USD Million, 2016-2025

Spray-Up - Composite Material Market, in USD Million, 2016-2025

Building & Construction - Composite Material Market, in USD Million, 2016-2025

Consumer Goods Electrical and Electronics - Composite Material Market, in USD Million, 2016-2025

Energy Generation - Composite Material Market, in USD Million, 2016-2025

Industrial & Infrastructure - Composite Material Market, in USD Million, 2016-2025

Transportation - Composite Material Market, in USD Million, 2016-2025

Aerospace & Defense - Composite Material Market, in USD Million, 2016-2025

North America - Composite Material Market, in USD Million, 2016-2025

Europe – Composite Material Market, in USD Million, 2016-2025

Asia-Pacific - Composite Material Market, in USD Million, 2016-2025

South America - Composite Material Market, in USD Million, 2016-2025

Middle East & Africa - Composite Material Market, in USD Million, 2016-2025

Composite Material - Market Share of Key Companies in 2019

Automotive Industry Growth Data, 2013-2019

Construction Industry Growth Data, 2013-2019

I would like to order

Product name: Global Composite Material Market Outlook to 2027

Product link: <https://marketpublishers.com/r/G6D765F6BC3AEN.html>

Price: US\$ 4,490.00 (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/G6D765F6BC3AEN.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