

# Carbon Prepreg Market Report: Trends, Forecast and Competitive Analysis to 2030

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## Abstracts

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### Carbon Prepreg Trends and Forecast

The future of the global carbon prepreg market looks promising with opportunities in the aerospace and defense, energy, automotive, leisure, and electronic markets. The global carbon prepreg market is expected to reach an estimated \$12.2 billion by 2030 with a CAGR of 8.7% from 2024 to 2030. The major drivers for this market are increasing focus on renewable energy sources, rising demand in the aerospace and defense industry, and increasing need for CFRP components.

A more than 150-page report is developed to help in your business decisions. Sample figures with some insights are shown below.

### Carbon Prepreg by Segment

The study includes a forecast for the global carbon prepreg by resin type, end use, and region.

Carbon Prepreg Market by Resin Type [Shipment Analysis by Value from 2018 to 2030]:

Thermoset

Thermoplastic

Carbon Prepreg Market by End Use [Shipment Analysis by Value from 2018 to 2030]:

Aerospace and Defense

Energy

Automotive

Leisure

Electronics

Others

Carbon Prepreg Market by Region [Shipment Analysis by Value from 2018 to 2030]:

North America

Europe

Asia Pacific

The Rest of the World

List of Carbon Prepreg Companies

Companies in the market compete on the basis of product quality offered. Major players in this market focus on expanding their manufacturing facilities, R&D investments, infrastructural development, and leverage integration opportunities across the value chain. With these strategies carbon prepreg companies cater increasing demand, ensure competitive effectiveness, develop innovative products & technologies, reduce production costs, and expand their customer base. Some of the carbon prepreg companies profiled in this report include-

ACP Composites

Kordsa Teknik Tekstil

Barrday

Gurit Services

Hexcel

Lingol

Mitsubishi Chemical

PARK AEROSPACE

SGL Carbon

Solvay

## Carbon Prepreg Market Insights

Lucintel forecasts that thermoplastic will remain the larger segment over the forecast period due to their benefits, which include the capacity to repeatedly reheat and reform the material by heating it above the thermoplastic matrix's melting point.

Within this market, aerospace and defense will remain the largest segment due to substantial application of carbon prepreg in this sector given to their qualities, including their high stiffness, heat resistance, strength, and chemical resistance.

Europe will remain the largest region over the forecast period due to extensively utilized in the production of auto parts, wind turbine parts, and aerospace components in the region.

## Features of the Global Carbon Prepreg Market

Market Size Estimates: Carbon prepreg market size estimation in terms of value (\$B).

Trend and Forecast Analysis: Market trends (2018 to 2023) and forecast (2024 to 2030) by various segments and regions.

**Segmentation Analysis:** Carbon prepreg market size by resin type, end use, and region in terms of value (\$B).

**Regional Analysis:** Carbon prepreg market breakdown by North America, Europe, Asia Pacific, and Rest of the World.

**Growth Opportunities:** Analysis of growth opportunities in different resin types, end uses, and regions for the carbon prepreg market.

**Strategic Analysis:** This includes M&A, new product development, and competitive landscape of the carbon prepreg market.

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

## FAQ

**Q1. What is the carbon prepreg market size?**

**Answer:** The global carbon prepreg market is expected to reach an estimated \$12.2 billion by 2030.

**Q2. What is the growth forecast for carbon prepreg market?**

**Answer:** The global carbon prepreg market is expected to grow with a CAGR of 8.7% from 2024 to 2030.

**Q3. What are the major drivers influencing the growth of the carbon prepreg market?**

**Answer:** The major drivers for this market are increasing focus on renewable energy sources, rising demand in the aerospace and defense industry, and increasing need for CFRP components.

**Q4. What are the major segments for carbon prepreg market?**

**Answer:** The future of the carbon prepreg market looks promising with opportunities in the aerospace and defense, energy, automotive, leisure, and electronic markets.

**Q5. Who are the key carbon prepreg market companies?**

Answer: Some of the key carbon prepreg companies are as follows:

ACP Composites

Kordsa Teknik Tekstil

Barrday

Gurit Services

Hexcel

Lingol

Mitsubishi Chemical

PARK AEROSPACE

SGL Carbon

Solvay

Q6. Which carbon prepreg market segment will be the largest in future?

Answer: Lucintel forecasts that thermoplastic will remain the larger segment over the forecast period due to their benefits, which include the capacity to repeatedly reheat and reform the material by heating it above the thermoplastic matrix's melting point.

Q7. In carbon prepreg market, which region is expected to be the largest in next 5 years?

Answer: Europe will remain the largest region over the forecast period due to extensively utilized in the production of auto parts, wind turbine parts, and aerospace components in the region.

Q.8 Do we receive customization in this report?

Answer: Yes, Lucintel provides 10% customization without any additional cost.

This report answers following 11 key questions:

Q.1. What are some of the most promising, high-growth opportunities for the carbon prepreg market by resin type (thermoset and thermoplastic), end use (aerospace and defense, energy, automotive, leisure, electronics, and others), 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 key challenges and business risks in this market?

Q.5. What are the business risks and competitive threats in this market?

Q.6. What are the emerging trends in this market and the reasons behind them?

Q.7. What are some of the changing demands of customers in the market?

Q.8. What are the new developments in the market? Which companies are leading these developments?

Q.9. Who are the major players in this market? What strategic initiatives are key players pursuing for business growth?

Q.10. What are some of the competing products in this market and how big of a threat do they pose for loss of market share by material or product substitution?

Q.11. What M&A activity has occurred in the last 5 years and what has its impact been on the industry?

For any questions related to Carbon Prepreg Market, Carbon Prepreg Market Size, Carbon Prepreg Market Growth, Carbon Prepreg Market Analysis, Carbon Prepreg Market Report, Carbon Prepreg Market Share, Carbon Prepreg Market Trends, Carbon Prepreg Market Forecast, Carbon Prepreg Companies, write Lucintel analyst at email: [helpdesk@lucintel.com](mailto:helpdesk@lucintel.com). We will be glad to get back to you soon.

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