Carbon Fiber Prepreg Market by Resin Type (Epoxy, Phenolic, Bismaleimide, Cyanate Ester, Thermoplastic), Manufacturing Process (Hot Melt, Solvent Dip), Application (Aerospace & Defense, Automotive, Sports & Leisure, Wind) - Global Forecast to 2021

Description: “The carbon fiber prepreg market is projected to grow at a CAGR of 11.0% during the forecast period, 2016 to 2021.”

The carbon fiber prepreg market is projected to reach USD 7.20 billion by 2021, at a CAGR of 11.0% between 2016 and 2021. The major drivers fueling the growth of the carbon fiber prepreg market are increasing demand for fuel efficient vehicles, growing use of carbon fiber prepregs in the aerospace & defense and wind industries. However, high processing and manufacturing costs of carbon fiber prepregs, along with issues related to their recyclability are the factors expected to restrain the growth of the carbon fiber prepreg market during the forecast period.

“In terms of value, the aerospace & defense application segment of the carbon fiber prepreg market is projected to grow at the highest CAGR during the forecast period.”

The aerospace & defense segment is leading the carbon fiber prepreg market, in terms of value and volume. The properties exhibited by carbon fiber prepregs, such as lightweight, ease of fabrication, resistance to corrosion and chemicals, and increased operational stability at high temperatures in comparison to other conventional materials, such as metallic alloys and thermoset composites are the factors leading towards increased use of carbon fiber prepregs in the aerospace & defense industry.

“The North America carbon fiber prepreg market is projected to grow at the highest CAGR from 2016 to 2021.”

The North America carbon fiber prepreg market is projected to grow at the highest CAGR during the forecast period, 2016 to 2021. Increasing demand for carbon fiber prepregs from the aerospace & defense and automotive industries, along with the continuous urbanization and industrialization taking place in the region is the factor expected to contribute towards the growth of the North America carbon fiber prepreg market during the forecast period.

This study has been validated through primaries conducted with various industry experts, globally. These primary sources have been divided into following three categories:

- By Company Type- Tier 1-35%, Tier 2-25%, and Tier 3-40%
- By Designation- C Level-30%, Director Level-25%, and Others-45%
- By Region- North America-30%, Europe-25%, Asia-Pacific-30%, Latin America-5%, and Middle East & Africa-10%

The report provides a comprehensive analysis of profiles of the companies listed below:

- Cytec Solvay Group (Brussels, Belgium)
- Royal TenCate N.V. (Almeo, Netherlands)
- Teijin Limited (Osaka, Japan)
- Toray Industries, Inc. (Tokyo, Japan)
- Hexcel Corporation (Connecticut, U.S.)
- SGL Group (Wiesbaden, Germany)
- Gurit Holding AG (Wattwil, Switzerland)
- Park Electrochemical Corporation (Melville, U.S.)
- Mitsubishi Rayon Co., Ltd. (Tokyo, Japan)
- Axiom Materials (California, U.S.)

Research Coverage
This report covers the carbon fiber prepreg market and forecasts the market size till 2021. The report includes the market segmentation on the basis of resin type (epoxy, phenolic, bismaleimide (BMI), cyanate ester, thermoplastic, and others), application (aerospace & defense, automotive, sports & leisure, wind, and others), manufacturing process (hot melt and solvent dip), and region (North America, Europe, Asia-Pacific, Latin America, and the Middle East & Africa). Porter's five forces analysis along with drivers, restraints, opportunities, and challenges has been discussed in this report. It also provides company profiles and competitive strategies adopted by the key players in the carbon fiber prepreg market.

Reasons to Buy the Report:

The report will help market leaders/new entrants in the carbon fiber prepreg market in the following ways:

1. This report segments the carbon fiber prepreg market comprehensively and provides the closest approximations of revenues for the overall market and its subsegments across different verticals and regions.
2. The report helps stakeholders understand the pulse of the market and provides them information on key market drivers, restraints, challenges, and opportunities.
3. This report helps stakeholders to understand their competitors and gain insights to enhance their businesses. The competitive landscape section includes competitors' ecosystem, new product launches, agreements, expansions, and acquisitions.

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