

Global Out-of-Autoclave (OOA) Prepreg Market by End-Use Industry Type (Aerospace & Defense, Wind Energy, Marine, and Others), by Product Form Type (Unidirectional and Fabric), by Reinforcement Type (Carbon Fiber and Other Fibers), by Matrix Type (Epoxy Resin and Other Resins), and by Region (North America, Europe, Asia-Pacific, and Rest of the World), Forecast, Competitive Analysis, and Growth Opportunity: 2018-2023

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Abstracts

This is the **ONGOING** report. If ordered it could be delivered in 2-3 weeks timeframe.

This report, from Stratview Research, studies the out-of-autoclave (OOA) prepreg market over the forecast period of 2018 to 2023. The report provides detailed insights into the market dynamics to enable informed business decision-making and growth strategy formulation based on the opportunities in the market.

The Global Out-of-Autoclave (OOA) Prepreg Market: Highlights

The global OOA prepreg market is likely to witness an excellent double-digit growth rate over the next five years to reach an estimated value of US\$ 206.1 million in 2023. OOA prepreg currently holds a diminutive share in the total prepreg market but is expected to remarkable growth over the next five years. OOA prepreg offers a wide array of benefits over traditional prepregs, such as low-cost infrastructure, low-void content (1%) in thick laminates, even resin distribution, avoid dry spots & resin-rich pockets, and ability to cure at low temperatures.

The commercial usage of OOA prepreg is still limited to few applications. However, the composites industry has recorded a massive spurt in the demand for OOA prepregs in most of the industries, such as aerospace & defense and wind energy. All the major prepreggers are increasingly participating in the development of OOA prepreg and its commercial usage in various industries. There is a very similar interest recorded from the side of tier players and OEMs.

The global OOA prepreg market is segmented based on the end-use industry type as Aerospace & Defense, Wind Energy, Marine, and Others. Aerospace & Defense is projected to remain the largest and fastest-growing segment of the OOA prepreg market during the forecast period. This industry has been successful in developing some commercial usage of OOA prepreg in the structural applications, such as trailing edge, fuselage, and fairings.

Based on the product form type, the fabric is projected to remain the largest product type in the global OOA prepreg market during the forecast period, driven by its usage in the structural to semi-structural applications, such as fuselage. The product type (fabric) is also likely to witness the highest growth during the same period.

Based on the reinforcement type, carbon fiber is most widely used reinforcement type in the global OOA prepreg market and is expected to remain the most dominant during the forecast period. Carbon fiber offers an excellent strength-to-weight ratio, high fatigue properties, high stiffness, and high heat tolerance. This fiber type is gaining the market traction in all industries including aerospace & defense, marine, and wind energy.

North America is expected to remain the largest OOA prepreg market during the forecast period, driven by the aerospace & defense industry. There are several projects ongoing with regards to the commercial usage of OOA prepreg in different aerospace applications. Europe is projected to witness the highest growth rate during the same period, driven by an increasing usage of OOA prepregs in the structural applications in the next-generation aircraft, such as A350XWB.

TenCate Advanced Composites, Cytec Solvay Group, Gurit Holding AG, Hexcel Corporation, and GMS Composites are major OOA prepreggers. Most of them are the market leaders in the traditional prepreg too. New Application development, long-term contracts, and new product development are the key strategies adopted by major players to gain a competitive edge in the market throughout the globe.

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 Stratview Research's internal database and statistical tools. More than 400 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. We usually conduct more than 10 detailed primary interviews with the market players across the value chain in all four regions and with industry experts 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 into 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 Forecast Analysis

Market segment 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 out-of-autoclave (OOA) prepreg market is segmented into the following categories.

Global Out-of-Autoclave (OOA) Prepreg Market by End-Use Industry Type (2018-2023):

Aerospace & Defense

Wind Energy

Marine

Others

Global Out-of-Autoclave (OOA) Prepreg Market by Product Form Type (2018-2023):

Unidirectional OOA Prepreg

Fabric OOA Prepreg

Global Out-of-Autoclave (OOA) Prepreg Market by Reinforcement Type (2018-2023):

Carbon Fiber-based OOA Prepreg

Other Fibers-based OOA Prepreg

Global Out-of-Autoclave (OOA) Prepreg Market by Matrix Type (2018-2023):

Epoxy Resin-based OOA Prepreg

Other Resins-based OOA Prepreg

Global Out-of-Autoclave (OOA) Prepreg Market by Region (2018-2023):

North America

Europe

Rest of the World

Report Customization Options

With this detailed report, Stratview Research offers one of the following free customization options to our respectable clients:

Company Profiling

Detailed profiling of additional market players (up to 3 players)

SWOT analysis of key players (up to 3 players)

Market Segmentation

Current market segmentation of any one of the end-use industry types by product form type

Competitive Benchmarking

Benchmarking of key players on the following parameters: Product portfolio, geographical reach, regional presence, and strategic alliances

Custom Research: Stratview Research offers custom research services across sectors. In case of any custom research requirement related to market assessment, competitive benchmarking, sourcing and procurement, target screening, and others, please send your inquiry at sales@stratviewresearch.com.

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