

Global High Performance Glass Fiber Market by End Use Industry (Aerospace & Defense, Sporting Goods, Automotive, Wind Energy, Electrical & Electronics, and Others), by Usage (Polymer Composites and Non-Polymer Composites), and by Region (North America, Europe, Asia-Pacific, and Rest of the World), Trend, Forecast, Competitive Analysis, and Growth Opportunity: 2016 – 2021

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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 high performance glass fiber market over the period 2010 to 2021. The report provides detailed insights on the market dynamics to enable informed business decision making and growth strategy formulation based on the opportunities present in the market.

The High Performance Glass Fiber Market: Highlights

High performance fibers were developed for military applications during 1960's and is known by various names, such as S glass in the USA, R glass in Europe, and T glass in Japan. It has a tensile strength of approximately 700 ksi and tensile modulus of up to 14 Msi. High performance glass fiber is 40% to 70% stronger than E glass fiber due to higher silica oxide, aluminum oxide and magnesium oxide content than E-glass fiber. The usage of high performance glass fibers is in very niche applications in aerospace & defense, automotive, sporting goods, wind energy, etc.

The high performance glass fiber market offers a healthy growth opportunity and is likely to grow at a 9.2% CGAR during the forecast period of 2016 to 2021. High specific strength and modulus than E glass fiber and lower cost than other advanced fibers, such as carbon fiber make it a preferred material for high performance applications. Increasing automotive production, aerospace & defense deliveries, and increasing high performance fiber penetration in performance driven applications, such as helicopter blade and ballistic armor are the key growth drivers of the high performance fiber market.

Aerospace and defense is expected to remain the growth driver of the high performance fiber market during the forecast period. North America is expected to remain the largest market for high performance glass fiber market in the forecast period.

The key high performance glass fiber manufactures are AGY Holdings, Owens Corning, CPIC Fiber glass, Nittobo, and 3B Fiberglass. New product development, collaboration with customers, and long term contacts are the key strategies adopted by the key players to gain competitive edge in the market.

Research Methodology

This report offer high quality insights and are 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 1,000 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. More than 10 detailed primary interviews with the market players across the value chain in the all four regions and industry experts have been executed 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 on 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 trend and forecast analysis

Market segment trend and 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 high performance glass fiber market is segmented into the following categories.

High Performance Glass Fiber Market by Application Type:

Aerospace and Defense

Automotive

Sporting Goods

Wind Energy

Electrical and Electronics

Others

High Performance Glass Fiber Market by End Use:

Polymer Composites

Non Polymer Composites

High Performance Glass Fiber Market by Region:

North America

Europe

Asia – Pacific

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 (upto 3)

SWOT analysis of key players (upto 3)

Geographic Analysis

Further segmentation of North America into USA, Canada, and Mexico

Regional Segmentation

Current market segmentation of any one of the regions by application

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