

High Performance Fibers Market By Product (Carbon fiber, Aramid, Polybenzimidazole, Others), By Application (Aerospace and defense, Automotive, Sporting goods, Others), By End user (Personal, Public, Others): Global Opportunity Analysis and Industry Forecast, 2021-2031

Market Report | 2022-07-01 | 220 pages | Allied Market Research

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Report description:

The global high performance fibers market was valued at \$11,256.4 million in 2021, and is projected to reach \$23,151.6 million by 2031, registering a CAGR of 7.4% from 2022 to 2031. High-performance fibers are derived from their unique molecule and phase structures. Besides high tensile strength and modulus, they may also have very high levels of other properties such as operating temperature, heat resistance, flame retardancy, and chemical resistance. The demand for organic high performance fiber is growing. Thus this is the major factor driving the growth of the market. In addition, rise in usage of renewable resources is leading to growth in demand for the high performance fibers.

However, high cost for manufacturing the high performance fibers is a factor limiting its growth in the market. In addition, non-biodegradable nature of the high performance fibers is limiting their adoption for different industries.

On the contrary, the growing stellar industry is expected to offer new opportunities for the market, owing to demand for these fibers for manufacturing the durable and efficient semiconductors.

The global high performance fibers Market segmented on the basis of product, application, end user, and region. On the basis of product, it is classified into carbon fiber, aramid, polybenzimidazole and others. By application, it is divided into aerospace & defense, automotive, sporting goods and others. By end user, it is segmented into personal, public and others. Region wise, the market is analyzed across North America, Europe, Asia-Pacific, and LAMEA.

The major players profiled in the global high performance fibers market include, Cytec Industries Inc., E.I. du Pont Nemours and Company, Freudenberg Performance Materials, Huvis Corporation, Indorama Ventures, Kermel S.A, Kolon Industries, Koninklike Ten Cate NV (Netherlands), Kureha Corporation (Japan), Mitsubishi Rayon Co., Ltd. (Japan), Owens Corning, PB Performance Products, Inc. (U.S.), Sarla Performance Fiber Ltd, Teijin Ltd., Toray Industries, Inc. (Japan), Toyobo Co.LTD, Yantai Tayho Advanced

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Key Benefits For Stakeholders

- This report provides a quantitative analysis of the market segments, current trends, estimations, and dynamics of the high performance fibers market analysis from 2021 to 2031 to identify the prevailing high performance fibers market opportunities.
- The market research is offered along with information related to key drivers, restraints, and opportunities.
- Porter's five forces analysis highlights the potency of buyers and suppliers to enable stakeholders make profit-oriented business decisions and strengthen their supplier-buyer network.
- In-depth analysis of the high performance fibers market segmentation assists to determine the prevailing market opportunities.
- Major countries in each region are mapped according to their revenue contribution to the global market.
- Market player positioning facilitates benchmarking and provides a clear understanding of the present position of the market players.
- The report includes the analysis of the regional as well as global high performance fibers market trends, key players, market segments, application areas, and market growth strategies.

Key Market Segments

By Product

- Carbon fiber
- Aramid
- Polybenzimidazole
- Others

By Application

- Sporting goods
- Others
- Aerospace and defense
- Automotive

By End user

- Personal
- Public
- Others

By Region

- North America
- U.S.
- Canada
- Mexico
- Europe
- Germany
- UK
- France
- Italy
- Spain
- Russia
- Rest of Europe
- Asia-Pacific
- China
- Japan
- South Korea
- India
- Australia

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- Indonesia
- Rest of Asia-Pacific
- LAMEA
- Brazil
- Argentina
- United Arab Emirates
- Nigeria
- South Africa
- Rest of LAMEA
- Key Market Players
- Cytec Industries Inc.
- E.I.du Pont Nemours and Company
- Freudenberg Performance Materials
- Huvis Corporation
- INDORAMA VENTURES
- Kermel S.A.
- Kolon Industries
- Koninklike Ten Cate NV
- Kureha Corporation
- Mitsubishi Rayon Co., Ltd.
- OWENS CORNING
- PB Performance Products, Inc.
- Sarla Performance Fiber Ltd
- Teijin Ltd.
- Toray Industries, Inc.
- Toyobo Co. Ltd
- Yantai Tayho Advanced Materials Co. Ltd

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