

Global Wind Turbine Blade Materials Market 2022 - Industry Briefing

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Abstracts

Turbine blades must meet strict mechanical properties such as high rigidity and resistance to torsion and fatigue. In addition to these mechanical properties, the finished product must offer excellent corrosion resistance and a high-temperature tolerance. Materials for the wind turbine blade include resins of glass fiber reinforced polyester, glass fiber reinforced epoxy, and carbon fiber reinforced epoxy. Projected to expand at a CAGR of 5.1% from 2022 to 2028, the global wind turbine blade materials market will worth USD 6,590 million by 2028-end, according to Gen Consulting Company.

This industry report offers market estimates of the global market, followed by a detailed analysis of the type, technology, application, and region. The global market data on wind turbine blade materials can be segmented by type: resins (epoxy, polyester, others), fibers (glass fiber, carbon fiber), core materials (balsa, PVC, PET, others). Wind turbine blade materials market is further segmented by technology: resin infusion, prepreg. Based on application, the wind turbine blade materials market is segmented into: onshore, offshore. In 2021, the onshore segment made up the largest share of revenue generated by the wind turbine blade materials market. On the basis of region, the wind turbine blade materials market also can be divided into: Asia Pacific, Europe, North America, Rest of the World (RoW).

The global wind turbine blade materials market is highly competitive. Some of the leading companies operating in the market are 3A Composites GmbH, Aditya Birla Group, AOC Resins, Armacell International S.A., Ashland Global Specialty Chemicals Inc., China Jushi Co. Ltd., DIAB Group AB, Dow Chemical Company, Gurit Holding AG, Hexcel Corporation, Hexion Inc., Huntsman Corporation, Hyosung Corporation, Mitsubishi Rayon Co. Ltd., Nan Ya Plastics Corporation, SGL Carbon SE, Swancor Holding Co. Ltd., Teijin Limited, Toray Industries Inc.

The data-centric report focuses on market trends, status and outlook for segments. With comprehensive market assessment across the major geographies, the report is a valuable asset for the existing players, new entrants and the future investors.

Why buy this report?

Get a detailed picture of the Global Wind Turbine Blade Materials Market

Identify segments/areas to invest in over the forecast period in the Global Wind Turbine Blade Materials Market

Understand the competitive environment, the market's leading players

The market estimate for ease of analysis across scenarios in Excel format.

Strategy consulting and research support for three months.

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3A Composites GmbH

Aditya Birla Group

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Armacell International S.A.
Ashland Global Specialty Chemicals Inc.
China Jushi Co., Ltd.
DIAB Group AB
Dow Chemical Company
Gurit Holding AG
Hexcel Corporation
Hexion Inc.
Huntsman Corporation
Hyosung Corporation
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