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Global Wind Turbine Blade Composite Materials Supply, Demand and Key Producers, 2023-2029

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Abstracts

The global Wind Turbine Blade Composite Materials market size is expected to reach $ 8102.3 million by 2029, rising at a market growth of 7.0% CAGR during the forecast period (2023-2029).

Global 5 largest manufacturers of Wind Turbine Blade Composite Materials are Westlake Chemical, Techstorm, Toray Industries, Olin Corp and Wells Advanced Materials, which make up about 38%. Among them, Westlake Chemical is the leader with about 11% market share.

China is the largest market, with a share about 54%, followed by Europe and US & Canada, with the share about 26% and 11%. In terms of product type, Glass Fiber Reinforced Composites occupy the largest share of the total market, about 79%. And in terms of product Application, the largest application is >5.0 MW, followed by 3.0-5.0 MW.

Wind turbine blade composite material forms an essential component of wind turbine for the manufacture of wind turbine rotor blade. Composite material is made up of fiber and matrix. The fiber provides physical strength and distributes loads in composite. The matrix material act binder. The matrix binds and maintains the spacing of the fiber material protecting the fiber from abrasion and environmental damage. The composite material manufactured from reinforcement of fiber and matrix is far superior from conventional metals such as steel and aluminum.

This report studies the global Wind Turbine Blade Composite Materials production, demand, key manufacturers, and key regions.

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This report is a detailed and comprehensive analysis of the world market for Wind Turbine Blade Composite Materials, and provides market size (US$ million) and Year-over-Year (YoY) Growth, considering 2022 as the base year. This report explores demand trends and competition, as well as details the characteristics of Wind Turbine Blade Composite Materials that contribute to its increasing demand across many markets.

Highlights and key features of the study

Global Wind Turbine Blade Composite Materials total production and demand, 2018-2029, (Tons)

Global Wind Turbine Blade Composite Materials total production value, 2018-2029, (USD Million)

Global Wind Turbine Blade Composite Materials production by region & country, production, value, CAGR, 2018-2029, (USD Million) & (Tons)

Global Wind Turbine Blade Composite Materials consumption by region & country, CAGR, 2018-2029 & (Tons)

U.S. VS China: Wind Turbine Blade Composite Materials domestic production, consumption, key domestic manufacturers and share

Global Wind Turbine Blade Composite Materials production by manufacturer, production, price, value and market share 2018-2023, (USD Million) & (Tons)

Global Wind Turbine Blade Composite Materials production by Type, production, value, CAGR, 2018-2029, (USD Million) & (Tons)

Global Wind Turbine Blade Composite Materials production by Application production, value, CAGR, 2018-2029, (USD Million) & (Tons).

This reports profiles key players in the global Wind Turbine Blade Composite Materials market based on the following parameters – company overview, production, value, price, gross margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include Toray Industries, SGL Carbon, Teijin, Mitsubishi Chemical, Hexcel, Techstorm, Westlake Chemical, Olin Corp and Swancor Holding, etc.

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This report also provides key insights about market drivers, restraints, opportunities, new product launches or approvals, COVID-19 and Russia-Ukraine War Influence.

Stakeholders would have ease in decision-making through various strategy matrices used in analyzing the World Wind Turbine Blade Composite Materials market.

Detailed Segmentation:

Each section contains quantitative market data including market by value (US$ Millions), volume (production, consumption) & (Tons) and average price (US$/Ton) by manufacturer, by Type, and by Application. Data is given for the years 2018-2029 by year with 2022 as the base year, 2023 as the estimate year, and 2024-2029 as the forecast year.

Global Wind Turbine Blade Composite Materials Market, By Region:

- United States
- China
- Europe
- Japan
- South Korea
- ASEAN
- India
- Rest of World

Global Wind Turbine Blade Composite Materials Market, Segmentation by Type

- Glass Fiber Reinforced Composites
- Carbon Fiber Reinforced Composites

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Global Wind Turbine Blade Composite Materials Market, Segmentation by Application

5.0 MW

Companies Profiled:

Toray Industries

SGL Carbon

Teijin

Mitsubishi Chemical

Hexcel

Techstorm

Westlake Chemical

Olin Corp

Swancor Holding

Wells Advanced Materials

Owens Corning

Taishan Fiberglass

Chongqing Polycomp

Gurit

Key Questions Answered

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1. How big is the global Wind Turbine Blade Composite Materials market?

2. What is the demand of the global Wind Turbine Blade Composite Materials market?

3. What is the year over year growth of the global Wind Turbine Blade Composite Materials market?

4. What is the production and production value of the global Wind Turbine Blade Composite Materials market?

5. Who are the key producers in the global Wind Turbine Blade Composite Materials market?

6. What are the growth factors driving the market demand?

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Contents

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8 INDUSTRY CHAIN ANALYSIS

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List Of Tables

LIST OF TABLES

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List Of Figures

LIST OF FIGURES

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