

# Global Wind Turbine Materials Market 2023-2029

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## Abstracts

Wind turbine materials refer to the materials used in the construction of wind turbines, which are used to generate renewable energy from wind. Wind turbine materials must be strong, durable, and able to withstand harsh environmental conditions, including strong winds, extreme temperatures, and corrosive saltwater. According to the latest estimates, the global wind turbine materials market is set to achieve an incremental growth of USD 7.1 billion, accelerating at a CAGR of almost 7.16% during the forecast period 2023-2029. The demand for renewable energy sources like wind power is increasing globally as countries strive to reduce their carbon footprint and meet their energy needs with sustainable sources. This has led to an increase in the production and installation of wind turbines, driving the demand for wind turbine materials. Additionally, governments around the world are supporting the development of renewable energy sources through incentives, subsidies, and tax credits. This support is driving the growth of the wind energy industry and, in turn, the demand for wind turbine materials. The demand for renewable energy sources like wind power is increasing globally as countries strive to reduce their carbon footprint and meet their energy needs with sustainable sources. This has led to an increase in the production and installation of wind turbines, driving the demand for wind turbine materials. Additionally, governments around the world are supporting the development of renewable energy sources through incentives, subsidies, and tax credits. This support is driving the growth of the wind energy industry and, in turn, the demand for wind turbine materials.

The report covers market size and growth, segmentation, regional breakdowns, competitive landscape, trends and strategies for global wind turbine materials market. It presents a quantitative analysis of the market to enable stakeholders to capitalize on the prevailing market opportunities. The report also identifies top segments for opportunities and strategies based on market trends and leading competitors' approaches.

This industry report offers market estimates and forecasts of the global market, followed by a detailed analysis of the materials, components, application, and region. The global market for wind turbine materials can be segmented by materials: metal, fiber-reinforced composites, core, protective coatings, adhesives and sealants, others (greases, lubricants, coolant, etc.). The fiber-reinforced composites segment held the largest share of the global wind turbine materials market in 2022 and is anticipated to hold its share during the forecast period. Wind turbine materials market is further segmented by components: rotor materials type, tower materials, others. Globally, the tower materials segment made up the largest share of the wind turbine materials market. Based on application, the wind turbine materials market is segmented into: onshore, offshore. The onshore segment was the largest contributor to the global wind turbine materials market in 2022. On the basis of region, the wind turbine materials market also can be divided into: North America, Europe, Asia-Pacific, Rest of World (RoW).

#### Market Segmentation

By materials: metal, fiber-reinforced composites, core, protective coatings, adhesives and sealants, others (greases, lubricants, coolant, etc.)

By components: rotor materials type, tower materials, others

By application: onshore, offshore

By region: North America, Europe, Asia-Pacific, Rest of World (RoW)

The report also provides a detailed analysis of several leading wind turbine materials market vendors that include 3A Composites GmbH, Aditya Birla Chemicals India Ltd. (Thai Epoxy), Akzo Nobel N.V., BP plc, China Jushi Co., Ltd., DIAB Group AB, Exxon Mobil Corporation, Gurit Holding AG, Hempel A/S, Hexion Inc., Jotun A/S, Owens Corning, Royal Dutch Shell plc, Sika AG, among others. In this report, key players and their strategies are thoroughly analyzed to understand the competitive outlook of the market.

**\*REQUEST FREE SAMPLE TO GET A COMPLETE LIST OF COMPANIES**

#### Scope of the Report

To analyze and forecast the market size of the global wind turbine materials market.

To classify and forecast the global wind turbine materials market based on materials, components, application, region.

To identify drivers and challenges for the global wind turbine materials market.

To examine competitive developments such as mergers & acquisitions, agreements, collaborations and partnerships, etc., in the global wind turbine materials market.

To identify and analyze the profile of leading players operating in the global wind turbine

materials market.

### Why Choose This Report

Gain a reliable outlook of the global wind turbine materials market forecasts from 2023 to 2029 across scenarios.

Identify growth segments for investment.

Stay ahead of competitors through company profiles and market data.

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

Strategy consulting and research support for three months.

Print authentication provided for the single-user license.

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3A Composites GmbH

Aditya Birla Chemicals India Ltd. (Thai Epoxy)

Akzo Nobel N.V.

BP plc

China Jushi Co., Ltd.

DIAB Group AB

Exxon Mobil Corporation

Gurit Holding AG

Hempel A/S

Hexion Inc.

Jotun A/S

Owens Corning

Royal Dutch Shell plc

Sika AG

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