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Global Pultruded Plates for Wind Turbine Blades Supply, Demand and Key Producers, 2026-2032

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Abstracts

The global Pultruded Plates for Wind Turbine Blades market size is expected to reach $ 2121 million by 2032, rising at a market growth of 6.3% CAGR during the forecast period (2026-2032).

In 2025, global Pultruded Plates for Wind Turbine Blades production reached approximately 390 k tons, with an average global market price of around US$3,464 per ton.Pultruded Plates for Wind Turbine Blades refer to a type of composite material plate specifically designed and manufactured for use in wind turbine blades. The pultrusion process is a manufacturing method for producing composite materials with constant cross-sectional shapes. In this process, reinforcing fibers, such as glass fibers or carbon fibers, are first pulled through a resin bath. The resin, typically an epoxy resin, impregnates the fibers thoroughly. The continuous pulling action results in the production of long, straight profiles with consistent cross-sections.

The key driver of global market demand for pultruded plates for wind turbine blades comes from the implementation of renewable energy development policies and the large-scale advancement of wind power installation projects worldwide. The simultaneous development of onshore and offshore wind power industries, coupled with the technological iteration trend of large-megawatt, ultra-long and lightweight wind turbine blades, drives the continuous growth of the application penetration rate of pultruded plates as a key material for core blade structural parts. Market competition focuses on the consistency of material properties, stability of production processes and large-scale mass production capacity. Long technical certification cycles, high downstream customer cooperation stickiness and long-term production process accumulation thresholds form the core market entry barriers. Global production capacity layout is highly matched with the regional agglomeration characteristics of the wind

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power industry chain. Cyclical fluctuations in upstream raw material prices are the core variable affecting industry profitability, and the continuous advancement of global carbon neutrality goals provides stable policy support for the industry's long-term development, with the industry's overall growth deeply bound to the global wind power upgrading and energy transition rhythm.

This report studies the global Pultruded Plates for Wind Turbine Blades production, demand, key manufacturers, and key regions.

This report is a detailed and comprehensive analysis of the world market for Pultruded Plates for Wind Turbine Blades and provides market size (US$ million) and Year-over-Year (YoY) Growth, considering 2025 as the base year. This report explores demand trends and competition, as well as details the characteristics of Pultruded Plates for Wind Turbine Blades that contribute to its increasing demand across many markets.

Highlights and key features of the study
Global Pultruded Plates for Wind Turbine Blades total production and demand, 2021-2032, (Kilotons)
Global Pultruded Plates for Wind Turbine Blades total production value, 2021-2032, (USD Million)
Global Pultruded Plates for Wind Turbine Blades production by region & country, production, value, CAGR, 2021-2032, (USD Million) & (Kilotons), (based on production site)
Global Pultruded Plates for Wind Turbine Blades consumption by region & country, CAGR, 2021-2032 & (Kilotons)
U.S. VS China: Pultruded Plates for Wind Turbine Blades domestic production, consumption, key domestic manufacturers and share
Global Pultruded Plates for Wind Turbine Blades production by manufacturer, production, price, value and market share 2021-2026, (USD Million) & (Kilotons)
Global Pultruded Plates for Wind Turbine Blades production by Type, production, value, CAGR, 2021-2032, (USD Million) & (Kilotons)
Global Pultruded Plates for Wind Turbine Blades production by Application, production, value, CAGR, 2021-2032, (USD Million) & (Kilotons)

This report profiles key players in the global Pultruded Plates for Wind Turbine Blades 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 Zhongcai Technology, Owens Corning, ZOLTEK (Toray), Zhejiang Zhenshi New Materials, Chongqing Fengdu New

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Materials, Aosheng Technologies, Weihai Guangwei Composites, Jilin Guoxing Composite Materials, Hexcel, Exel Composites, etc.

This report also provides key insights about market drivers, restraints, opportunities, new product launches or approvals.

Stakeholders would have ease in decision-making through various strategy matrices used in analyzing the World Pultruded Plates for Wind Turbine Blades market

Detailed Segmentation:

Each section contains quantitative market data including market by value (US$ Millions), volume (production, consumption) & (Kilotons) and average price (US$/Ton) by manufacturer, by Type, and by Application. Data is given for the years 2021-2032 by year with 2025 as the base year, 2026 as the estimate year, and 2027-2032 as the forecast year.

Global Pultruded Plates for Wind Turbine Blades Market, By Region:

United States

China

Europe

Japan

South Korea

ASEAN

India

Rest of World

Global Pultruded Plates for Wind Turbine Blades Market, Segmentation by Type:

Pultruded Fiberglass Plates

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Pultruded Carbon Plates

Composite Pultruded Plates

Global Pultruded Plates for Wind Turbine Blades Market, Segmentation by Resin Type:

Epoxy Resin Based

Polyurethane Based

Others

Global Pultruded Plates for Wind Turbine Blades Market, Segmentation by Thickness:

Thickness 5mm

Global Pultruded Plates for Wind Turbine Blades Market, Segmentation by Application:

Offshore Wind Power

Onshore Wind Power

Companies Profiled:

Zhongcai Technology

Owens Corning

ZOLTEK (Toray)

Zhejiang Zhenshi New Materials

Chongqing Fengdu New Materials

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Aosheng Technologies

Weihai Guangwei Composites

Jilin Guoxing Composite Materials

Hexcel

Exel Composites

Gurit

R?chling

Jilin Chemical Fibre

Swancor Advanced Materials

Zhejiang Hengyida

Sichuan Dongshu New Materials

Nanjing Hitech Composites

EPP Composites

Key Questions Answered:
1. How big is the global Pultruded Plates for Wind Turbine Blades market?
2. What is the demand of the global Pultruded Plates for Wind Turbine Blades market?
3. What is the year over year growth of the global Pultruded Plates for Wind Turbine Blades market?
4. What is the production and production value of the global Pultruded Plates for Wind Turbine Blades market?
5. Who are the key producers in the global Pultruded Plates for Wind Turbine Blades market?
6. What are the growth factors driving the market demand?

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