

Wind Blade Composites Market by Fiber Type (Glass Fiber, Carbon Fiber, Other Fiber Types), Resin Type (Epoxy, Polyurethane, Other Resin Types), Blade Size (Up to 50 Meters, Over 50 Meters), Application (Onshore, Offshore), and Region - Global Forecast to 2030

<https://marketpublishers.com/r/W349AFCEDE81EN.html>

Date: June 2025

Pages: 250

Price: US\$ 4,950.00 (Single User License)

ID: W349AFCEDE81EN

Abstracts

The wind blade composites market is estimated to be valued at USD 13.28 billion in 2025 and reach USD 21.87 billion by 2030, at a CAGR of 10.5% from 2025 to 2030. The demand for carbon fiber within the wind blade composites sector is experiencing significant growth, primarily driven by the increasing requirements for larger, more efficient wind turbines. Carbon fiber provides a superior strength-to-weight ratio compared to conventional materials, facilitating the production of longer, lighter, and stiffer blades. These attributes are critical for optimizing the energy output of turbines, particularly in offshore applications where maximizing performance is essential to mitigate high infrastructure costs. Additionally, carbon fiber enhances the fatigue resistance and longevity of blades, reducing maintenance requirements and extending their operational life. As global initiatives to promote renewable energy and decrease carbon emissions gain momentum, the expansion of wind energy installations is accelerating, further propelling the adoption of advanced materials, such as carbon fiber, in blade manufacturing.

“Polyurethane resin to be second fastest-growing resin type segment during forecast period”

The demand for polyurethane resin is primarily driven by its exceptional mechanical properties, cost efficiency, and improved manufacturing productivity. Compared to

conventional resins, polyurethane resin offers superior mechanical strength and enhanced fatigue resistance, making it an optimal choice for the production of durable yet lightweight wind turbine blades. Its low viscosity facilitates accelerated infusion rates during the manufacturing process, leading to a significant reduction in production cycle times and an overall increase in productivity. Additionally, the cost-effectiveness of these resins allows manufacturers to produce high-quality blades at reduced costs, which is essential for the wind energy sector as it moves towards achieving cost parity with traditional energy sources.

“Wind blades up to 50 meters length to be second-fastest-growing blade size segment during forecast period”

Wind blades measuring up to 50 meters are projected to be the second-fastest growing segment in the wind blade composites market, largely attributed to their prevalent application in onshore wind farms, particularly in developing regions and areas with lower wind capacity. These shorter blades offer a more cost-efficient for manufacturing, transportation, and installation, rendering them ideal for markets characterized by limited infrastructure or smaller-scale wind energy initiatives. Furthermore, a significant proportion of older wind turbines, still operational and undergoing replacement or upgrades, were originally engineered to support blades of this size. Policy frameworks and investments in renewable energy—especially within emerging markets such as the Asia-Pacific region—further bolster the deployment of smaller turbines, thereby enhancing the uptake of these blades.

“Onshore wind turbines to be second-fastest growing application segment during forecast period”

Onshore wind turbines are anticipated to exhibit the second-highest growth rate within the overall wind blade composites market, driven by their extensive adoption, cost efficiency, and simpler installation processes compared to offshore counterparts. Onshore wind projects typically have shorter development timelines and lower costs, facilitating large-scale deployments across various regions, particularly in nations with abundant land resources and proactive renewable energy policies. Consequently, the demand for composite materials utilized in wind blade manufacturing has markedly increased for onshore applications. Recent advancements in composite technology have led to the production of longer, lighter, and more resilient blades specifically designed to meet the requirements of onshore turbines.

“Europe to register second-highest growth rate in wind blade composites market during

forecast period”

Europe is anticipated to rank as the second-fastest-growing region in the wind blade composites market throughout the forecast period. This growth can be attributed to a robust commitment to renewable energy, ambitious climate objectives, and a well-established wind energy infrastructure. The European Union has instituted stringent targets to reduce carbon emissions and enhance the share of renewables in its energy portfolio, with wind power as a pivotal component. Key players, including Germany, Denmark, and the Netherlands, are making significant investments in both onshore and offshore wind initiatives, thereby driving the demand for high-performance, lightweight, and durable composite materials for turbine blades. Furthermore, the region’s advanced manufacturing capabilities, coupled with ongoing technological innovations in materials science and favorable regulatory environments, are essential factors propelling the swift expansion of the wind blade composites market. Additionally, the modernization of older wind farms through the integration of cutting-edge, more efficient blades crafted from advanced composites further stimulates market growth in the region.

This study has been validated through interviews with industry experts globally. The primary sources have been divided into the following three categories:

By Company Type: Tier 1 - 60%, Tier 2 - 20%, and Tier 3 - 20%

By Designation: C-level - 33%, Director-level - 33%, and Managers - 34%

By Region: North America - 20%, Europe - 25%, Asia Pacific - 25%, Middle East & Africa - 20%, and South America - 10%

Report provides a comprehensive analysis of the following companies:

China Jushi Co., Ltd. (China), DowAksa (Turkey), Teijin Limited (Japan), SGL Carbon (Germany), Hexcel Corporation (US), Gurit Services AG (Switzerland), China National Building Material Group Corporation (China), Toray Industries, Inc. (Japan), Rochling (Germany), Exel Composites (Finland), Evonik (Germany), Arkema (France), Owens Corning (US), Exxon Mobil (US), and Huntsman (US).

Research Coverage

This research report categorizes the wind blade composites market based on fiber type (glass fiber, carbon fiber, and other fiber types), resin type (epoxy, polyurethane, and other resin types), blade size (up to 50 meters and over 50 meters), application (onshore wind turbines and offshore wind turbines), and region (North America, Europe, Asia Pacific, Middle East & Africa, and South America). The scope of the report includes detailed information about the major factors influencing the growth of the wind blade composites market, such as drivers, restraints, challenges, and opportunities. A thorough examination of the key industry players has been conducted to provide insights into their business overviews, solutions and services, key strategies, and recent developments in the wind blade composites market are all covered. This report includes a competitive analysis of the upcoming startups in the wind blade composites market ecosystem.

Reasons to Buy this Report

The report will help the market leaders/new entrants in this market with information on the closest approximations of the revenue numbers for the overall wind blade composites market and the subsegments. This report will help stakeholders understand the competitive landscape and gain more insights to position their businesses better and plan suitable go-to-market strategies. The report also helps stakeholders understand the market pulse and provides information on key market drivers, restraints, challenges, and opportunities.

The report provides insights on the following pointers:

Analysis of key drivers (Rising new installations of wind turbines, Increasing turbine size), restraints (High raw material costs, Limited blade recycling technology), opportunities (Development of recyclable resin, Increasing offshore wind turbine installations), and challenges (Geopolitical instability, High capital investments) influencing the growth of the wind blade composites market.

Product Development/Innovation: Detailed insights into upcoming technologies, research & development activities, and product launches in the wind blade composites market.

Market Development: Comprehensive information about lucrative markets – the report analyzes the wind blade composites market across varied regions.

Market Diversification: Exhaustive information about services, untapped

geographies, recent developments, and investments in the wind blade composites market.

Competitive Assessment: In-depth assessment of market shares, growth strategies, and offerings of leading players such as China Jushi Co., Ltd. (China), DowAksa (Turkey), Teijin Limited (Japan), SGL Carbon (Germany), Hexcel Corporation (US), Gurit Services AG (Switzerland), China National Building Material Group Corporation (China), Toray Industries, Inc. (Japan), Röchling (Germany), Exel Composites (Finland), Evonik (Germany), Arkema (France), Owens Corning (US), Exxon Mobil (US), and Huntsman (US) in the wind blade composites market.

Contents

1 INTRODUCTION

1.1 STUDY OBJECTIVES

1.2 MARKET DEFINITION

1.3 STUDY SCOPE

1.3.1 MARKETS COVERED AND REGIONAL SCOPE

1.3.2 INCLUSIONS AND EXCLUSIONS

1.3.3 YEARS CONSIDERED

1.3.4 CURRENCY CONSIDERED

1.3.5 UNIT CONSIDERED

1.4 STAKEHOLDERS

2 RESEARCH METHODOLOGY

2.1 RESEARCH DATA

2.1.1 SECONDARY DATA

2.1.1.1 Key data from secondary sources

2.1.2 PRIMARY DATA

2.1.2.1 Key data from primary sources

2.1.2.2 Key primary participants

2.1.2.3 Breakdown of primary interviews

2.1.2.4 Key industry insights

2.2 MARKET SIZE ESTIMATION

2.2.1 BOTTOM-UP APPROACH

2.2.2 TOP-DOWN APPROACH

2.3 BASE NUMBER CALCULATION

2.3.1 APPROACH 1: SUPPLY-SIDE ANALYSIS

2.3.2 APPROACH 2: DEMAND-SIDE ANALYSIS

2.4 MARKET FORECAST APPROACH

2.4.1 SUPPLY SIDE

2.4.2 DEMAND SIDE

2.5 DATA TRIANGULATION

2.6 FACTOR ANALYSIS

2.7 RESEARCH ASSUMPTIONS

2.8 RESEARCH LIMITATIONS AND RISK ASSESSMENT

3 EXECUTIVE SUMMARY

4 PREMIUM INSIGHTS

4.1 ATTRACTIVE OPPORTUNITIES FOR PLAYERS IN WIND BLADE COMPOSITES MARKET

4.2 WIND BLADE COMPOSITES MARKET, BY FIBER TYPE AND REGION

4.3 WIND BLADE COMPOSITES MARKET, BY FIBER TYPE

4.4 WIND BLADE COMPOSITES MARKET, BY RESIN TYPE

4.5 WIND BLADE COMPOSITES MARKET, BY BLADE SIZE

4.6 WIND BLADE COMPOSITES MARKET, BY APPLICATION

4.7 WIND BLADE COMPOSITES MARKET, BY KEY COUNTRY

5 MARKET OVERVIEW

5.1 INTRODUCTION

5.2 MARKET DYNAMICS

5.2.1 DRIVERS

5.2.1.1 Increasing new installations of wind turbines

5.2.1.2 Increasing turbine size

5.2.2 RESTRAINTS

5.2.2.1 High raw material costs

5.2.2.2 Limited blade recycling technology

5.2.3 OPPORTUNITIES

5.2.3.1 Development of recyclable resin

5.2.3.2 Increasing offshore wind turbine installations

5.2.4 CHALLENGES

5.2.4.1 Geopolitical instability

5.2.4.2 High capital investments

5.3 PORTER'S FIVE FORCES ANALYSIS

5.3.1 THREAT OF NEW ENTRANTS

5.3.2 THREAT OF SUBSTITUTES

5.3.3 BARGAINING POWER OF SUPPLIERS

5.3.4 BARGAINING POWER OF BUYERS

5.3.5 INTENSITY OF COMPETITIVE RIVALRY

5.4 KEY STAKEHOLDERS AND BUYING CRITERIA

5.4.1 KEY STAKEHOLDERS IN BUYING PROCESS

5.4.2 BUYING CRITERIA

5.5 PRICING ANALYSIS

5.5.1 AVERAGE SELLING PRICE TREND FOR KEY PLAYERS, BY APPLICATION,

2024

5.5.2 AVERAGE SELLING PRICE TREND, BY FIBER TYPE, 2021-2024

5.5.3 AVERAGE SELLING PRICE TREND, BY RESIN TYPE, 2021–2024

5.5.4 AVERAGE SELLING PRICE TREND, BY BLADE SIZE, 2021–2024

5.5.5 AVERAGE SELLING PRICE TREND, BY APPLICATION, 2021–2024

5.5.6 AVERAGE SELLING PRICE TREND, BY REGION, 2021–2024

5.6 MACROECONOMIC OUTLOOK

5.6.1 INTRODUCTION

5.6.2 GDP TRENDS AND FORECAST

5.6.3 TRENDS IN WIND INDUSTRY

5.7 VALUE CHAIN ANALYSIS

5.8 SUPPLY CHAIN ANALYSIS

5.9 ECOSYSTEM ANALYSIS

5.10 TRADE ANALYSIS

5.10.1 EXPORT SCENARIO (HS CODE 7019)

5.10.2 IMPORT SCENARIO (HS CODE 7019)

5.10.3 EXPORT SCENARIO (HS CODE 681511)

5.10.4 IMPORT SCENARIO (HS CODE 681511)

5.11 TECHNOLOGY ANALYSIS

5.11.1 KEY TECHNOLOGIES

5.11.1.1 Vacuum infusion

5.11.1.2 Traditional molding

5.11.2 COMPLEMENTARY TECHNOLOGIES

5.11.2.1 Additive manufacturing and robotics

5.12 PATENT ANALYSIS

5.12.1 INTRODUCTION

5.12.2 METHODOLOGY

5.12.3 DOCUMENT TYPES

5.12.4 INSIGHTS

5.12.5 LEGAL STATUS

5.12.6 JURISDICTION ANALYSIS

5.12.7 TOP APPLICANTS

5.12.8 TOP 10 PATENT OWNERS (US) IN LAST 10 YEARS, 2015–2025

5.13 REGULATORY LANDSCAPE

5.13.1 REGULATORY BODIES, GOVERNMENT AGENCIES, AND OTHER ORGANIZATIONS

5.14 KEY CONFERENCES AND EVENTS, 2025–2026

5.15 CASE STUDY ANALYSIS

5.15.1 ENHANCEMENT OF OFFSHORE WIND TURBINE EFFICIENCY WITH

CARBON FIBER-REINFORCED PLASTICS (CFRP) IN SPAR CAPS

5.15.2 GURIT — COMPREHENSIVE SOLUTIONS DRIVING INNOVATION IN WIND BLADE MANUFACTURING

5.15.3 OWENS CORNING ULTRABLADE HE – BOOSTING EFFICIENCY IN WIND BLADE MANUFACTURING

5.16 TRENDS/DISRUPTIONS IMPACTING CUSTOMER BUSINESS

5.17 IMPACT OF GEN AI/AI ON WIND BLADE COMPOSITES MARKET

5.17.1 TOP USE CASES AND MARKET POTENTIAL

5.17.2 CASE STUDIES OF AI IMPLEMENTATION IN WIND BLADE COMPOSITES MARKET

5.18 INVESTMENT AND FUNDING SCENARIO

5.19 IMPACT OF 2025 US TARIFF ON WIND BLADE COMPOSITES MARKET

5.19.1 INTRODUCTION

5.19.2 KEY TARIFF RATES

5.19.3 PRICE IMPACT ANALYSIS

5.19.4 KEY IMPACTS ON VARIOUS COUNTRIES/REGIONS

5.19.4.1 US

5.19.4.2 Europe

5.19.4.3 Asia Pacific

5.19.5 END-USE INDUSTRY-LEVEL IMPACT

6 WIND BLADE COMPOSITES MARKET, BY FIBER TYPE

6.1 INTRODUCTION

6.2 CARBON FIBER

6.2.1 HIGH TENSILE STRENGTH AND LIGHTWEIGHT TO FUEL DEMAND

6.3 GLASS FIBER

6.3.1 HIGH PERFORMANCE AND COST-EFFECTIVENESS TO PROPEL MARKET

6.4 OTHER FIBER TYPES

7 WIND BLADE COMPOSITES MARKET, BY RESIN TYPE

7.1 INTRODUCTION

7.2 EPOXY

7.2.1 EXCELLENT ADHESION AND RESISTANCE TO FATIGUE TO FUEL DEMAND

7.3 POLYURETHANE

7.3.1 LOW VISCOSITY AND COST EFFICIENCY TO DRIVE DEMAND

7.4 OTHER RESIN TYPES

8 WIND BLADE COMPOSITES MARKET, BY BLADE SIZE

8.1 INTRODUCTION

8.2 UP TO 50 METERS

8.2.1 INCREASING DEMAND FROM ONSHORE WIND FARMS TO DRIVE MARKET

8.3 OVER 50 METERS

8.3.1 GROWING INSTALLATION IN OFFSHORE WIND TURBINE FARMS TO DRIVE MARKET

9 WIND BLADE COMPOSITES MARKET, BY APPLICATION

9.1 INTRODUCTION

9.2 ONSHORE WIND TURBINES

9.2.1 GROWING DEMAND FOR LIGHTWEIGHT YET DURABLE WIND BLADES FOR GENERATING ELECTRICITY TO DRIVE MARKET

9.3 OFFSHORE WIND TURBINES

9.3.1 LARGER AND ROBUST WIND BLADES DESIGNED FOR HARSH ENVIRONMENTS TO FUEL DEMAND

10 WIND BLADE COMPOSITES MARKET, BY REGION

10.1 INTRODUCTION

10.2 NORTH AMERICA

10.2.1 NORTH AMERICA: WIND BLADE COMPOSITES MARKET, BY FIBER TYPE

10.2.2 NORTH AMERICA: WIND BLADE COMPOSITES MARKET, BY RESIN TYPE

10.2.3 NORTH AMERICA: WIND BLADE COMPOSITES MARKET, BY BLADE SIZE

10.2.4 NORTH AMERICA: WIND BLADE COMPOSITES MARKET, BY APPLICATION

10.2.5 NORTH AMERICA: WIND BLADE COMPOSITES MARKET, BY COUNTRY

10.2.5.1 US

10.2.5.1.1 Presence of major manufacturers to drive market

10.2.5.2 Canada

10.2.5.2.1 Increased investments in wind energy sector and advancements in composite materials technology to drive market

10.2.5.3 Mexico

10.2.5.3.1 Strategic partnerships and expansions to drive market

10.3 EUROPE

10.3.1 EUROPE: WIND BLADE COMPOSITES MARKET, BY FIBER TYPE

10.3.2 EUROPE: WIND BLADE COMPOSITES MARKET, BY RESIN TYPE

10.3.3 EUROPE: WIND BLADE COMPOSITES MARKET, BY BLADE SIZE

10.3.4 EUROPE: WIND BLADE COMPOSITES MARKET, BY APPLICATION

10.3.5 EUROPE: WIND BLADE COMPOSITES MARKET, BY COUNTRY

10.3.5.1 Germany

10.3.5.1.1 Growing construction projects to drive market

10.3.5.2 France

10.3.5.2.1 Rising onshore and offshore wind turbine installations to increase demand

10.3.5.3 Sweden

10.3.5.3.1 Increasing shift toward recycling of wind blades to drive market

10.3.5.4 Spain

10.3.5.4.1 Growing demand from wind energy industry to drive market

10.3.5.5 Finland

10.3.5.5.1 Increasing number of recycling projects to propel market

10.3.5.6 Netherlands

10.3.5.6.1 High demand from onshore and offshore wind installations to fuel market growth

10.3.5.7 UK

10.3.5.7.1 Presence of well-established R&D centers and institutions to drive market

10.3.5.8 Rest of Europe

10.4 ASIA PACIFIC

10.4.1 ASIA PACIFIC: WIND BLADE COMPOSITES MARKET, BY FIBER TYPE

10.4.2 ASIA PACIFIC: WIND BLADE COMPOSITES MARKET, BY RESIN TYPE

10.4.3 ASIA PACIFIC: WIND BLADE COMPOSITES MARKET, BY BLADE SIZE

10.4.4 ASIA PACIFIC: WIND BLADE COMPOSITES MARKET, BY APPLICATION

10.4.5 ASIA PACIFIC: WIND BLADE COMPOSITES MARKET, BY COUNTRY

10.4.5.1 China

10.4.5.1.1 High renewable energy production and investments in both onshore and offshore wind projects to drive demand

10.4.5.2 India

10.4.5.2.1 Rising investments in wind power projects to propel market

10.4.5.3 Japan

10.4.5.3.1 Strong renewable energy push and policy support to drive market

10.4.5.4 Australia

10.4.5.4.1 Expanding renewable energy sector to fuel market growth

10.4.5.5 South Korea

10.4.5.5.1 Expansion of wind power projects to drive market

10.4.5.6 Rest of Asia Pacific

10.5 SOUTH AMERICA

10.5.1 SOUTH AMERICA: WIND BLADE COMPOSITES MARKET, BY FIBER TYPE

- 10.5.2 SOUTH AMERICA: WIND BLADE COMPOSITES MARKET, BY RESIN TYPE
- 10.5.3 SOUTH AMERICA: WIND BLADE COMPOSITES MARKET, BY BLADE SIZE
- 10.5.4 SOUTH AMERICA: WIND BLADE COMPOSITES MARKET, BY APPLICATION
- 10.5.5 SOUTH AMERICA: WIND BLADE COMPOSITES MARKET, BY COUNTRY

- 10.5.5.1 Brazil

- 10.5.5.1.1 Rapid expansion of wind energy capacity to drive market

- 10.5.5.2 Argentina

- 10.5.5.2.1 Increased private investments to drive demand

- 10.5.5.3 Rest of South America

10.6 MIDDLE EAST & AFRICA

10.6.1 MIDDLE EAST & AFRICA: WIND BLADE COMPOSITES MARKET, BY FIBER TYPE

10.6.2 MIDDLE EAST & AFRICA: WIND BLADE COMPOSITES MARKET, BY RESIN TYPE

10.6.3 MIDDLE EAST & AFRICA: WIND BLADE COMPOSITES MARKET, BY BLADE SIZE

10.6.4 MIDDLE EAST & AFRICA: WIND BLADE COMPOSITES MARKET, BY APPLICATION

10.6.5 MIDDLE EAST & AFRICA: WIND BLADE COMPOSITES MARKET, BY COUNTRY

- 10.6.5.1 Egypt

- 10.6.5.1.1 Increasing investments in wind energy infrastructure to drive market

- 10.6.5.2 Morocco

- 10.6.5.2.1 Booming wind energy sector to drive market

- 10.6.5.3 Rest of Middle East & Africa

11 COMPETITIVE LANDSCAPE

11.1 OVERVIEW

11.2 KEY PLAYER STRATEGIES/RIGHT TO WIN

11.3 REVENUE ANALYSIS

11.4 MARKET SHARE ANALYSIS

11.5 BRAND/PRODUCT COMPARATIVE ANALYSIS

11.6 COMPANY EVALUATION MATRIX: KEY PLAYERS, 2024

- 11.6.1 STARS

- 11.6.2 EMERGING LEADERS

- 11.6.3 PERVASIVE PLAYERS

- 11.6.4 PARTICIPANTS

- 11.6.5 COMPANY FOOTPRINT: KEY PLAYERS, 2024

- 11.6.5.1 Company footprint
- 11.6.5.2 Fiber type footprint
- 11.6.5.3 Resin type footprint
- 11.6.5.4 Application footprint
- 11.6.5.5 Region footprint
- 11.7 COMPANY EVALUATION MATRIX: STARTUPS/SMES, 2024
 - 11.7.1 PROGRESSIVE COMPANIES
 - 11.7.2 RESPONSIVE COMPANIES
 - 11.7.3 DYNAMIC COMPANIES
 - 11.7.4 STARTING BLOCKS
 - 11.7.5 COMPETITIVE BENCHMARKING: STARTUPS/SMES, 2024
 - 11.7.5.1 Detailed list of key startups/SMEs
 - 11.7.5.2 Competitive benchmarking of key startups/SMEs
- 11.8 COMPANY VALUATION AND FINANCIAL METRICS
- 11.9 COMPETITIVE SCENARIO
 - 11.9.1 PRODUCT LAUNCHES
 - 11.9.2 DEALS
 - 11.9.3 EXPANSIONS
 - 11.9.4 OTHERS

12 COMPANY PROFILES

- 12.1 KEY PLAYERS
 - 12.1.1 GURIT SERVICES AG
 - 12.1.1.1 Business overview
 - 12.1.1.2 Products offered
 - 12.1.1.3 Recent developments
 - 12.1.1.3.1 Deals
 - 12.1.1.4 MnM view
 - 12.1.1.4.1 Key strengths/Right to win
 - 12.1.1.4.2 Strategic choices
 - 12.1.1.4.3 Weaknesses/Competitive threats
 - 12.1.2 CHINA NATIONAL BUILDING MATERIAL GROUP CORPORATION
 - 12.1.2.1 Business overview
 - 12.1.2.2 Products offered
 - 12.1.2.3 MnM view
 - 12.1.2.3.1 Key strengths/Right to win
 - 12.1.2.3.2 Strategic choices
 - 12.1.2.3.3 Weaknesses/Competitive threats

12.1.3 HEXCEL CORPORATION

12.1.3.1 Business overview

12.1.3.2 Products offered

12.1.3.3 MnM view

12.1.3.3.1 Key strengths/Right to win

12.1.3.3.2 Strategic choices

12.1.3.3.3 Weaknesses/Competitive threats

12.1.4 TORAY INDUSTRIES, INC.

12.1.4.1 Business overview

12.1.4.2 Products offered

12.1.4.3 MnM view

12.1.4.3.1 Key strengths/Right to win

12.1.4.3.2 Strategic choices

12.1.4.3.3 Weaknesses/Competitive threats

12.1.5 CHINA JUSHI CO., LTD.

12.1.5.1 Business overview

12.1.5.2 Products/Solutions/Services offered

12.1.5.3 Recent developments

12.1.5.3.1 Expansions

12.1.5.3.2 Others

12.1.5.4 MnM view

12.1.5.4.1 Key strengths/Right to win

12.1.5.4.2 Strategic choices

12.1.5.4.3 Weaknesses/Competitive threats

12.1.6 ROCHLING SE & CO. KG

12.1.6.1 Business overview

12.1.6.2 Products offered

12.1.6.3 MnM view

12.1.6.3.1 Key strengths/Right to win

12.1.6.3.2 Strategic choices

12.1.6.3.3 Weaknesses/Competitive threats

12.1.7 SGL CARBON

12.1.7.1 Business overview

12.1.7.2 Products offered

12.1.7.3 MnM view

12.1.7.3.1 Key strengths/Right to win

12.1.7.3.2 Strategic choices

12.1.7.3.3 Weaknesses/Competitive threats

12.1.8 DOWAKSA

- 12.1.8.1 Business overview
- 12.1.8.2 Products offered
- 12.1.8.3 Recent developments
 - 12.1.8.3.1 Deals
- 12.1.8.4 MnM view
 - 12.1.8.4.1 Key strengths/Right to win
 - 12.1.8.4.2 Strategic choices
 - 12.1.8.4.3 Weaknesses/Competitive threats
- 12.1.9 EXEL COMPOSITES
 - 12.1.9.1 Business overview
 - 12.1.9.2 Products offered
 - 12.1.9.3 Recent developments
 - 12.1.9.3.1 Deals
 - 12.1.9.3.2 Others
 - 12.1.9.4 MnM view
 - 12.1.9.4.1 Key strengths/Right to win
 - 12.1.9.4.2 Strategic choices
 - 12.1.9.4.3 Weaknesses/Competitive threats
- 12.1.10 EVONIK
 - 12.1.10.1 Business overview
 - 12.1.10.2 Products offered
 - 12.1.10.3 MnM view
 - 12.1.10.3.1 Key strengths/Right to win
 - 12.1.10.3.2 Strategic choices
 - 12.1.10.3.3 Weaknesses/Competitive threats
- 12.1.11 ARKEMA
 - 12.1.11.1 Business overview
 - 12.1.11.2 Products offered
 - 12.1.11.3 Recent developments
 - 12.1.11.3.1 Others
 - 12.1.11.4 MnM view
 - 12.1.11.4.1 Key strengths/Right to win
 - 12.1.11.4.2 Strategic choices
 - 12.1.11.4.3 Weaknesses/Competitive threats
- 12.1.12 TEIJIN LIMITED
 - 12.1.12.1 Business overview
 - 12.1.12.2 Products offered
 - 12.1.12.3 MnM view
 - 12.1.12.3.1 Key strengths/Right to win

- 12.1.12.3.2 Strategic choices
- 12.1.12.3.3 Weaknesses/Competitive threats
- 12.1.13 OWENS CORNING
 - 12.1.13.1 Business overview
 - 12.1.13.2 Products offered
 - 12.1.13.3 MnM view
 - 12.1.13.3.1 Key strengths/Right to win
 - 12.1.13.3.2 Strategic choices
 - 12.1.13.3.3 Weaknesses/Competitive threats
- 12.1.14 EXXON MOBIL CORPORATION
 - 12.1.14.1 Business overview
 - 12.1.14.2 Products offered
 - 12.1.14.3 MnM view
 - 12.1.14.3.1 Key strengths/Right to win
 - 12.1.14.3.2 Strategic choices
 - 12.1.14.3.3 Weaknesses/Competitive threats
- 12.1.15 HUNTSMAN INTERNATIONAL LLC
 - 12.1.15.1 Business overview
 - 12.1.15.2 Products offered
 - 12.1.15.3 Recent developments
 - 12.1.15.3.1 Product launches
 - 12.1.15.4 MnM view
 - 12.1.15.4.1 Key strengths/Right to win
 - 12.1.15.4.2 Strategic choices
 - 12.1.15.4.3 Weaknesses/Competitive threats
- 12.2 OTHER PLAYERS
 - 12.2.1 PULTREX LTD
 - 12.2.2 EPSILON COMPOSITE
 - 12.2.3 AERON COMPOSITE LIMITED
 - 12.2.4 WESTLAKE CORPORATION
 - 12.2.5 ELAN COMPOSITES
 - 12.2.6 NORTHERN LIGHT COMPOSITES
 - 12.2.7 JIUDING NEW MATERIAL CO., LTD.
 - 12.2.8 HS HYOSUNG ADVANCED MATERIALS
 - 12.2.9 INDORE COMPOSITE
 - 12.2.10 RELIANCE INDUSTRIES LTD.

13 APPENDIX

13.1 DISCUSSION GUIDE

13.2 KNOWLEDGESTORE: MARKETSANDMARKETS' SUBSCRIPTION PORTAL

13.3 CUSTOMIZATION OPTIONS

13.4 RELATED REPORTS

13.5 AUTHOR DETAILS

List Of Tables

LIST OF TABLES

TABLE 1 WIND BLADE COMPOSITES MARKET: PORTER'S FIVE FORCES ANALYSIS

TABLE 2 INFLUENCE OF STAKEHOLDERS ON BUYING PROCESS FOR MAJOR APPLICATIONS

TABLE 3 KEY BUYING CRITERIA FOR KEY APPLICATIONS

TABLE 4 AVERAGE SELLING PRICE TREND OF WIND BLADE COMPOSITES OFFERED BY KEY PLAYERS, BY APPLICATION, 2024 (USD/KG)

TABLE 5 AVERAGE SELLING PRICE TREND OF WIND BLADE COMPOSITES, BY FIBER TYPE, 2021–2030 (USD/KG)

TABLE 6 AVERAGE SELLING PRICE TREND OF WIND BLADE COMPOSITES, BY REGION, 2021–2030 (USD/KG)

TABLE 7 GDP PERCENTAGE CHANGE, BY KEY COUNTRY, 2021–2029 (%)

TABLE 8 ROLES OF COMPANIES IN WIND BLADE COMPOSITE ECOSYSTEM

TABLE 9 EXPORT DATA RELATED TO HS CODE 7019-COMPLIANT PRODUCTS, BY KEY COUNTRY, 2024 (USD THOUSAND)

TABLE 10 IMPORT DATA RELATED TO HS CODE 7019-COMPLIANT PRODUCTS, BY KEY COUNTRY, 2024 (USD THOUSAND)

TABLE 11 EXPORT DATA RELATED TO HS CODE 681511-COMPLIANT PRODUCTS, BY KEY COUNTRY, 2024 (USD THOUSAND)

TABLE 12 IMPORT DATA RELATED TO HS CODE 681511-COMPLIANT PRODUCTS, 2024 (USD THOUSAND)

TABLE 13 WIND BLADE COMPOSITES MARKET: TOTAL NUMBER OF PATENTS, 2015–2025

TABLE 14 LIST OF PATENTS BY GENERAL ELECTRIC, 2023–2025

TABLE 15 LIST OF PATENTS BY VESTAS WIND SYSTEMS, 2023–2025

TABLE 16 NORTH AMERICA: LIST OF REGULATORY BODIES, GOVERNMENT AGENCIES, AND OTHER ORGANIZATIONS

TABLE 17 EUROPE: LIST OF REGULATORY BODIES, GOVERNMENT AGENCIES, AND OTHER ORGANIZATIONS

TABLE 18 ASIA PACIFIC: LIST OF REGULATORY BODIES, GOVERNMENT AGENCIES, AND OTHER ORGANIZATIONS

TABLE 19 ROW: LIST OF REGULATORY BODIES, GOVERNMENT AGENCIES, AND OTHER ORGANIZATIONS

TABLE 20 WIND BLADE COMPOSITES MARKET: LIST OF KEY CONFERENCES AND EVENTS, 2025–2026

TABLE 21 TOP USE CASES AND MARKET POTENTIAL

TABLE 22 WIND BLADE COMPOSITES MARKET: CASE STUDIES OF AI IMPLEMENTATION

TABLE 23 US-ADJUSTED RECIPROCAL TARIFF RATES

TABLE 24 KEY PRODUCT-RELATED TARIFFS EFFECTIVE FOR WIND BLADE COMPOSITES

TABLE 25 EXPECTED CHANGE IN PRICES AND IMPACT ON END-USE MARKET DUE TO TARIFFS

TABLE 26 WIND BLADE COMPOSITES MARKET, BY FIBER TYPE, 2023–2030 (USD MILLION)

TABLE 27 WIND BLADE COMPOSITES MARKET, BY FIBER TYPE, 2023–2030 (KILOTONS)

TABLE 28 CARBON FIBER: WIND BLADE COMPOSITES MARKET, BY REGION, 2023–2030 (USD MILLION)

TABLE 29 CARBON FIBER: WIND BLADE COMPOSITES MARKET, BY REGION, 2023–2030 (KILOTONS)

TABLE 30 GLASS FIBER: WIND BLADE COMPOSITES MARKET, BY REGION, 2023–2030 (USD MILLION)

TABLE 31 GLASS FIBER: WIND BLADE COMPOSITES MARKET, BY REGION, 2023–2030 (KILOTONS)

TABLE 32 OTHER FIBER TYPES: WIND BLADE COMPOSITES MARKET, BY REGION, 2023–2030 (USD MILLION)

TABLE 33 OTHER FIBER TYPES: WIND BLADE COMPOSITES MARKET, BY REGION, 2023–2030 (KILOTONS)

TABLE 34 WIND BLADE COMPOSITES MARKET, BY RESIN TYPE, 2023–2030 (USD MILLION)

TABLE 35 WIND BLADE COMPOSITES MARKET, BY RESIN TYPE, 2023–2030 (KILOTONS)

TABLE 36 EPOXY: WIND BLADE COMPOSITES MARKET, BY REGION, 2023–2030 (USD MILLION)

TABLE 37 EPOXY: WIND BLADE COMPOSITES MARKET, BY REGION, 2023–2030 (KILOTONS)

TABLE 38 POLYURETHANE: WIND BLADE COMPOSITES MARKET, BY REGION, 2023–2030 (USD MILLION)

TABLE 39 POLYURETHANE: WIND BLADE COMPOSITES MARKET, BY REGION, 2023–2030 (KILOTONS)

TABLE 40 OTHER RESIN TYPES: WIND BLADE COMPOSITES MARKET, BY REGION, 2023–2030 (USD MILLION)

TABLE 41 OTHER RESIN TYPES: WIND BLADE COMPOSITES MARKET, BY

REGION, 2023–2030 (KILOTONS)

TABLE 42 WIND BLADE COMPOSITES MARKET, BY BLADE SIZE, 2023–2030 (USD MILLION)

TABLE 43 WIND BLADE COMPOSITES MARKET, BY BLADE SIZE, 2023–2030 (KILOTONS)

TABLE 44 UP TO 50 METERS: WIND BLADE COMPOSITES MARKET, BY REGION, 2023–2030 (USD MILLION)

TABLE 45 UP TO 50 METERS: WIND BLADE COMPOSITES MARKET, BY REGION, 2023–2030 (KILOTONS)

TABLE 46 OVER 50 METERS: WIND BLADE COMPOSITES MARKET, BY REGION, 2023–2030 (USD MILLION)

TABLE 47 OVER 50 METERS: WIND BLADE COMPOSITES MARKET, BY REGION, 2023–2030 (KILOTONS)

TABLE 48 WIND BLADE COMPOSITES MARKET, BY APPLICATION, 2023–2030 (USD MILLION)

TABLE 49 WIND BLADE COMPOSITES MARKET, BY APPLICATION, 2023–2030 (KILOTONS)

TABLE 50 ONSHORE WIND TURBINES: WIND BLADE COMPOSITES MARKET, BY REGION, 2023–2030 (USD MILLION)

TABLE 51 ONSHORE WIND TURBINES: WIND BLADE COMPOSITES MARKET, BY REGION, 2023–2030 (KILOTONS)

TABLE 52 OFFSHORE WIND TURBINES: WIND BLADE COMPOSITES MARKET, BY REGION, 2023–2030 (USD MILLION)

TABLE 53 OFFSHORE WIND TURBINES: WIND BLADE COMPOSITES MARKET, BY REGION, 2023–2030 (KILOTONS)

TABLE 54 WIND BLADE COMPOSITES MARKET, BY REGION, 2023–2030 (USD MILLION)

TABLE 55 WIND BLADE COMPOSITES MARKET, BY REGION, 2023–2030 (KILOTONS)

TABLE 56 NORTH AMERICA: WIND BLADE COMPOSITES MARKET, BY FIBER TYPE, 2023–2030 (USD MILLION)

TABLE 57 NORTH AMERICA: WIND BLADE COMPOSITES MARKET, BY FIBER TYPE, 2023–2030 (KILOTONS)

TABLE 58 NORTH AMERICA: WIND BLADE COMPOSITES MARKET, BY RESIN TYPE, 2023–2030 (USD MILLION)

TABLE 59 NORTH AMERICA: WIND BLADE COMPOSITES MARKET, BY RESIN TYPE, 2023–2030 (KILOTONS)

TABLE 60 NORTH AMERICA: WIND BLADE COMPOSITES MARKET, BY BLADE SIZE, 2023–2030 (USD MILLION)

TABLE 61 NORTH AMERICA: WIND BLADE COMPOSITES MARKET, BY BLADE SIZE, 2023–2030 (KILOTONS)

TABLE 62 NORTH AMERICA: WIND BLADE COMPOSITES MARKET, BY APPLICATION, 2023–2030 (USD MILLION)

TABLE 63 NORTH AMERICA: WIND BLADE COMPOSITES MARKET, BY APPLICATION, 2023–2030 (KILOTONS)

TABLE 64 NORTH AMERICA: WIND BLADE COMPOSITES MARKET, BY COUNTRY, 2023–2030 (USD MILLION)

TABLE 65 NORTH AMERICA: WIND BLADE COMPOSITES MARKET, BY COUNTRY, 2023–2030 (KILOTONS)

TABLE 66 US: WIND BLADE COMPOSITES MARKET, BY FIBER TYPE, 2023–2030 (USD MILLION)

TABLE 67 US: WIND BLADE COMPOSITES MARKET, BY FIBER TYPE, 2023–2030 (KILOTONS)

TABLE 68 CANADA: WIND BLADE COMPOSITES MARKET, BY FIBER TYPE, 2023–2030 (USD MILLION)

TABLE 69 CANADA: WIND BLADE COMPOSITES MARKET, BY FIBER TYPE, 2023–2030 (KILOTONS)

TABLE 70 MEXICO: WIND BLADE COMPOSITES MARKET, BY FIBER TYPE, 2023–2030 (USD MILLION)

TABLE 71 MEXICO: WIND BLADE COMPOSITES MARKET, BY FIBER TYPE, 2023–2030 (KILOTONS)

TABLE 72 EUROPE: WIND BLADE COMPOSITES MARKET, BY FIBER TYPE, 2023–2030 (USD MILLION)

TABLE 73 EUROPE: WIND BLADE COMPOSITES MARKET, BY FIBER TYPE, 2023–2030 (KILOTONS)

TABLE 74 EUROPE: WIND BLADE COMPOSITES MARKET, BY RESIN TYPE, 2023–2030 (USD MILLION)

TABLE 75 EUROPE: WIND BLADE COMPOSITES MARKET, BY RESIN TYPE, 2023–2030 (KILOTONS)

TABLE 76 EUROPE: WIND BLADE COMPOSITES MARKET, BY BLADE SIZE, 2023–2030 (USD MILLION)

TABLE 77 EUROPE: WIND BLADE COMPOSITES MARKET, BY BLADE SIZE, 2023–2030 (KILOTONS)

TABLE 78 EUROPE: WIND BLADE COMPOSITES MARKET, BY APPLICATION, 2023–2030 (USD MILLION)

TABLE 79 EUROPE: WIND BLADE COMPOSITES MARKET, BY APPLICATION, 2023–2030 (KILOTONS)

TABLE 80 EUROPE: WIND BLADE COMPOSITES MARKET, BY COUNTRY,

2023–2030 (USD MILLION)

TABLE 81 EUROPE: WIND BLADE COMPOSITES MARKET, BY COUNTRY,
2023–2030 (KILOTONS)

TABLE 82 GERMANY: WIND BLADE COMPOSITES MARKET, BY FIBER TYPE,
2023–2030 (USD MILLION)

TABLE 83 GERMANY: WIND BLADE COMPOSITES MARKET, BY FIBER TYPE,
2023–2030 (KILOTONS)

TABLE 84 FRANCE: WIND BLADE COMPOSITES MARKET, BY FIBER TYPE,
2023–2030 (USD MILLION)

TABLE 85 FRANCE: WIND BLADE COMPOSITES MARKET, BY FIBER TYPE,
2023–2030 (KILOTONS)

TABLE 86 SWEDEN: WIND BLADE COMPOSITES MARKET, BY FIBER TYPE,
2023–2030 (USD MILLION)

TABLE 87 SWEDEN: WIND BLADE COMPOSITES MARKET, BY FIBER TYPE,
2023–2030 (KILOTONS)

TABLE 88 SPAIN: WIND BLADE COMPOSITES MARKET, BY FIBER TYPE,
2023–2030 (USD MILLION)

TABLE 89 SPAIN: WIND BLADE COMPOSITES MARKET, BY FIBER TYPE,
2023–2030 (KILOTONS)

TABLE 90 FINLAND: WIND BLADE COMPOSITES MARKET, BY FIBER TYPE,
2023–2030 (USD MILLION)

TABLE 91 FINLAND: WIND BLADE COMPOSITES MARKET, BY FIBER TYPE,
2023–2030 (KILOTONS)

TABLE 92 NETHERLANDS: WIND BLADE COMPOSITES MARKET, BY FIBER TYPE,
2023–2030 (USD MILLION)

TABLE 93 NETHERLANDS: WIND BLADE COMPOSITES MARKET, BY FIBER TYPE,
2023–2030 (KILOTONS)

TABLE 94 UK: WIND BLADE COMPOSITES MARKET, BY FIBER TYPE, 2023–2030
(USD MILLION)

TABLE 95 UK: WIND BLADE COMPOSITES MARKET, BY FIBER TYPE, 2023–2030
(KILOTONS)

TABLE 96 REST OF EUROPE: WIND BLADE COMPOSITES MARKET, BY FIBER
TYPE, 2023–2030 (USD MILLION)

TABLE 97 REST OF EUROPE: WIND BLADE COMPOSITES MARKET, BY FIBER
TYPE, 2023–2030 (KILOTONS)

TABLE 98 ASIA PACIFIC: WIND BLADE COMPOSITES MARKET, BY FIBER TYPE,
2023–2030 (USD MILLION)

TABLE 99 ASIA PACIFIC: WIND BLADE COMPOSITES MARKET, BY FIBER TYPE,
2023–2030 (KILOTONS)

TABLE 100 ASIA PACIFIC: WIND BLADE COMPOSITES MARKET, BY RESIN TYPE, 2023–2030 (USD MILLION)

TABLE 101 ASIA PACIFIC: WIND BLADE COMPOSITES MARKET, BY RESIN TYPE, 2023–2030 (KILOTONS)

TABLE 102 ASIA PACIFIC: WIND BLADE COMPOSITES MARKET, BY BLADE SIZE, 2023–2030 (USD MILLION)

TABLE 103 ASIA PACIFIC: WIND BLADE COMPOSITES MARKET, BY BLADE SIZE, 2023–2030 (KILOTONS)

TABLE 104 ASIA PACIFIC: WIND BLADE COMPOSITES MARKET, BY APPLICATION, 2023–2030 (USD MILLION)

TABLE 105 ASIA PACIFIC: WIND BLADE COMPOSITES MARKET, BY APPLICATION, 2023–2030 (KILOTONS)

TABLE 106 ASIA PACIFIC: WIND BLADE COMPOSITES MARKET, BY COUNTRY, 2023–2030 (USD MILLION)

TABLE 107 ASIA PACIFIC: WIND BLADE COMPOSITES MARKET, BY COUNTRY, 2023–2030 (KILOTONS)

TABLE 108 CHINA: WIND BLADE COMPOSITES MARKET, BY FIBER TYPE, 2023–2030 (USD MILLION)

TABLE 109 CHINA: WIND BLADE COMPOSITES MARKET, BY FIBER TYPE, 2023–2030 (KILOTONS)

TABLE 110 INDIA: WIND BLADE COMPOSITES MARKET, BY FIBER TYPE, 2023–2030 (USD MILLION)

TABLE 111 INDIA: WIND BLADE COMPOSITES MARKET, BY FIBER TYPE, 2023–2030 (KILOTONS)

TABLE 112 JAPAN: WIND BLADE COMPOSITES MARKET, BY FIBER TYPE, 2023–2030 (USD MILLION)

TABLE 113 JAPAN: WIND BLADE COMPOSITES MARKET, BY FIBER TYPE, 2023–2030 (KILOTONS)

TABLE 114 AUSTRALIA: WIND BLADE COMPOSITES MARKET, BY FIBER TYPE, 2023–2030 (USD MILLION)

TABLE 115 AUSTRALIA: WIND BLADE COMPOSITES MARKET, BY FIBER TYPE, 2023–2030 (KILOTONS)

TABLE 116 SOUTH KOREA: WIND BLADE COMPOSITES MARKET, BY FIBER TYPE, 2023–2030 (USD MILLION)

TABLE 117 SOUTH KOREA: WIND BLADE COMPOSITES MARKET, BY FIBER TYPE, 2023–2030 (KILOTONS)

TABLE 118 REST OF ASIA PACIFIC: WIND BLADE COMPOSITES MARKET, BY FIBER TYPE, 2023–2030 (USD MILLION)

TABLE 119 REST OF ASIA PACIFIC: WIND BLADE COMPOSITES MARKET, BY

FIBER TYPE, 2023–2030 (KILOTONS)

TABLE 120 SOUTH AMERICA: WIND BLADE COMPOSITES MARKET, BY FIBER TYPE, 2023–2030 (USD MILLION)

TABLE 121 SOUTH AMERICA: WIND BLADE COMPOSITES MARKET, BY FIBER TYPE, 2023–2030 (KILOTONS)

TABLE 122 SOUTH AMERICA: WIND BLADE COMPOSITES MARKET, BY RESIN TYPE, 2023–2030 (USD MILLION)

TABLE 123 SOUTH AMERICA: WIND BLADE COMPOSITES MARKET, BY RESIN TYPE, 2023–2030 (KILOTONS)

TABLE 124 SOUTH AMERICA: WIND BLADE COMPOSITES MARKET, BY BLADE SIZE, 2023–2030 (USD MILLION)

TABLE 125 SOUTH AMERICA: WIND BLADE COMPOSITES MARKET, BY BLADE SIZE, 2023–2030 (KILOTONS)

TABLE 126 SOUTH AMERICA: WIND BLADE COMPOSITES MARKET, BY APPLICATION, 2023–2030 (USD MILLION)

TABLE 127 SOUTH AMERICA: WIND BLADE COMPOSITES MARKET, BY APPLICATION, 2023–2030 (KILOTONS)

TABLE 128 SOUTH AMERICA: WIND BLADE COMPOSITES MARKET, BY COUNTRY, 2023–2030 (USD MILLION)TABLE 129 SOUTH AMERICA: WIND BLADE COMPOSITES MARKET, BY COUNTRY, 2023–2030 (KILOTONS)

TABLE 130 BRAZIL: WIND BLADE COMPOSITES MARKET, BY FIBER TYPE, 2023–2030 (USD MILLION)

TABLE 131 BRAZIL: WIND BLADE COMPOSITES MARKET, BY FIBER TYPE, 2023–2030 (KILOTONS)

TABLE 132 ARGENTINA: WIND BLADE COMPOSITES MARKET, BY FIBER TYPE, 2023–2030 (USD MILLION)

TABLE 133 ARGENTINA: WIND BLADE COMPOSITES MARKET, BY FIBER TYPE, 2023–2030 (KILOTONS)

TABLE 134 REST OF SOUTH AMERICA: WIND BLADE COMPOSITES MARKET, BY FIBER TYPE, 2023–2030 (USD MILLION)

TABLE 135 REST OF SOUTH AMERICA: WIND BLADE COMPOSITES MARKET, BY FIBER TYPE, 2023–2030 (KILOTONS)

TABLE 136 MIDDLE EAST & AFRICA: WIND BLADE COMPOSITES MARKET, BY FIBER TYPE, 2023–2030 (USD MILLION)

TABLE 137 MIDDLE EAST & AFRICA: WIND BLADE COMPOSITES MARKET, BY FIBER TYPE, 2023–2030 (KILOTONS)

TABLE 138 MIDDLE EAST & AFRICA: WIND BLADE COMPOSITES MARKET, BY RESIN TYPE, 2023–2030 (USD MILLION)

TABLE 139 MIDDLE EAST & AFRICA: WIND BLADE COMPOSITES MARKET, BY

RESIN TYPE, 2023–2030 (KILOTONS)

TABLE 140 MIDDLE EAST & AFRICA: WIND BLADE COMPOSITES MARKET, BY BLADE SIZE, 2023–2030 (USD MILLION)

TABLE 141 MIDDLE EAST & AFRICA: WIND BLADE COMPOSITES MARKET, BY BLADE SIZE, 2023–2030 (KILOTONS)

TABLE 142 MIDDLE EAST & AFRICA: WIND BLADE COMPOSITES MARKET, BY APPLICATION, 2023–2030 (USD MILLION)

TABLE 143 MIDDLE EAST & AFRICA: WIND BLADE COMPOSITES MARKET, BY APPLICATION, 2023–2030 (KILOTONS)

TABLE 144 MIDDLE EAST & AFRICA: WIND BLADE COMPOSITES MARKET, BY COUNTRY, 2023–2030 (USD MILLION)

TABLE 145 MIDDLE EAST & AFRICA: WIND BLADE COMPOSITES MARKET, BY COUNTRY, 2023–2030 (KILOTONS)

TABLE 146 EGYPT: WIND BLADE COMPOSITES MARKET, BY FIBER TYPE, 2023–2030 (USD MILLION)

TABLE 147 EGYPT: WIND BLADE COMPOSITES MARKET, BY FIBER TYPE, 2023–2030 (KILOTONS)

TABLE 148 MOROCCO: WIND BLADE COMPOSITES MARKET, BY FIBER TYPE, 2023–2030 (USD MILLION)

TABLE 149 MOROCCO: WIND BLADE COMPOSITES MARKET, BY FIBER TYPE, 2023–2030 (KILOTONS)

TABLE 150 REST OF MIDDLE EAST & AFRICA: WIND BLADE COMPOSITES MARKET, BY FIBER TYPE, 2023–2030 (USD MILLION)

TABLE 151 REST OF MIDDLE EAST & AFRICA: WIND BLADE COMPOSITES MARKET, BY FIBER TYPE, 2023–2030 (KILOTONS)

TABLE 152 WIND BLADE COMPOSITES MARKET: KEY STRATEGIES ADOPTED BY MAJOR PLAYERS

TABLE 153 WIND BLADE COMPOSITES MARKET: DEGREE OF COMPETITION, 2024

TABLE 158 WIND BLADE COMPOSITES MARKET: DETAILED LIST OF KEY STARTUPS/SMES

TABLE 159 WIND BLADE COMPOSITES MARKET: COMPETITIVE BENCHMARKING OF KEY STARTUPS/SMES

TABLE 160 WIND BLADE COMPOSITES MARKET: PRODUCT LAUNCHES, JANUARY 2021–JANUARY 2025

TABLE 161 WIND BLADE COMPOSITES MARKET: DEALS, JANUARY 2021–JANUARY 2025

TABLE 162 WIND BLADE COMPOSITES MARKET: EXPANSIONS, JANUARY 2021–JANUARY 2025

TABLE 163 WIND BLADE COMPOSITES MARKET: OTHERS, JANUARY 2021–JANUARY 2025

TABLE 164 GURIT SERVICES AG: COMPANY OVERVIEW

TABLE 165 GURIT SERVICES AG: PRODUCTS OFFERED

TABLE 166 GURIT SERVICES AG: DEALS

TABLE 167 CHINA NATIONAL BUILDING MATERIAL GROUP CORPORATION: COMPANY OVERVIEW

TABLE 168 CHINA NATIONAL BUILDING MATERIAL GROUP CORPORATION: PRODUCTS OFFERED

TABLE 169 HEXCEL CORPORATION: COMPANY OVERVIEW

TABLE 170 HEXCEL CORPORATION: PRODUCTS OFFERED

TABLE 171 TORAY INDUSTRIES, INC.: COMPANY OVERVIEW

TABLE 172 TORAY INDUSTRIES, INC.: PRODUCTS OFFERED

TABLE 173 CHINA JUSHI CO., LTD.: COMPANY OVERVIEW

TABLE 174 CHINA JUSHI CO., LTD.: PRODUCTS/SOLUTIONS/SERVICES OFFERED

TABLE 175 CHINA JUSHI CO., LTD.: EXPANSIONS

TABLE 176 CHINA JUSHI CO., LTD.: OTHERS

TABLE 177 ROCHLING SE & CO. KG: COMPANY OVERVIEW

TABLE 178 ROCHLING SE & CO. KG: PRODUCTS OFFERED

TABLE 179 SGL CARBON: COMPANY OVERVIEW

TABLE 180 SGL CARBON: PRODUCTS OFFERED

TABLE 181 DOWAKSA: COMPANY OVERVIEW

TABLE 182 DOWAKSA: PRODUCTS OFFERED

TABLE 183 DOWAKSA: DEALS

TABLE 184 EXEL COMPOSITES: COMPANY OVERVIEW

TABLE 185 EXEL COMPOSITES: PRODUCTS OFFERED

TABLE 186 EXEL COMPOSITE: DEALS

TABLE 187 EXEL COMPOSITE: OTHERS

TABLE 188 EVONIK: COMPANY OVERVIEW

TABLE 189 EVONIK: PRODUCTS OFFERED

TABLE 190 ARKEMA: COMPANY OVERVIEW

TABLE 191 ARKEMA: PRODUCTS OFFERED

TABLE 192 ARKEMA: OTHERS

TABLE 193 TEIJIN LIMITED: COMPANY OVERVIEW

TABLE 194 TEIJIN LIMITED: PRODUCTS OFFERED

TABLE 195 OWENS CORNING: COMPANY OVERVIEW

TABLE 196 OWENS CORNING: PRODUCTS OFFERED

TABLE 197 EXXON MOBIL CORPORATION: COMPANY OVERVIEW

TABLE 198 EXXON MOBIL CORPORATION: PRODUCTS OFFERED
TABLE 199 HUNTSMAN INTERNATIONAL LLC: COMPANY OVERVIEW
TABLE 200 HUNTSMAN INTERNATIONAL LLC: PRODUCTS OFFERED
TABLE 201 HUNTSMAN INTERNATIONAL LLC: PRODUCT LAUNCHES
TABLE 202 PULTREX LTD: COMPANY OVERVIEW
TABLE 203 EPSILON COMPOSITE: COMPANY OVERVIEW
TABLE 204 AERON COMPOSITE LIMITED: COMPANY OVERVIEW
TABLE 205 WESTLAKE CORPORATION: COMPANY OVERVIEW
TABLE 206 ELAN COMPOSITES: COMPANY OVERVIEW
TABLE 207 NORTHERN LIGHT COMPOSITES: COMPANY OVERVIEW
TABLE 208 JIUDING NEW MATERIAL CO., LTD.: COMPANY OVERVIEW
TABLE 209 HS HYOSUNG ADVANCED MATERIALS: COMPANY OVERVIEW
TABLE 210 INDORE COMPOSITE: COMPANY OVERVIEW
TABLE 211 RELIANCE INDUSTRIES LTD.: COMPANY OVERVIEW

List Of Figures

LIST OF FIGURES

FIGURE 1 WIND BLADE COMPOSITES MARKET: SEGMENTATION AND REGIONAL SCOPE

FIGURE 2 WIND BLADE COMPOSITES MARKET: RESEARCH DESIGN

FIGURE 3 WIND BLADE COMPOSITES MARKET: BOTTOM-UP APPROACH

FIGURE 4 WIND BLADE COMPOSITES MARKET: TOP-DOWN APPROACH

FIGURE 5 WIND BLADE COMPOSITES MARKET: DATA TRIANGULATION

FIGURE 6 CARBON FIBER SEGMENT TO RECORD HIGHEST CAGR DURING FORECAST PERIOD

FIGURE 7 EPOXY SEGMENT TO DOMINATE MARKET IN 2030

FIGURE 8 UP TO 50 METERS SEGMENT TO LEAD MARKET IN 2030

FIGURE 9 ONSHORE WIND TURBINES SEGMENT TO DOMINATE MARKET IN 2030

FIGURE 10 ASIA PACIFIC TO REGISTER HIGHEST CAGR DURING FORECAST PERIOD

FIGURE 11 INCREASING GOVERNMENT-LED INVESTMENTS IN EXPANDING WIND ENERGY INFRASTRUCTURE TO CREATE LUCRATIVE OPPORTUNITIES FOR MARKET PLAYERS

FIGURE 12 GLASS FIBER SEGMENT AND ASIA PACIFIC DOMINATED WIND BLADE COMPOSITES MARKET IN 2024

FIGURE 13 CARBON FIBER SEGMENT TO REGISTER HIGHEST CAGR DURING FORECAST PERIOD

FIGURE 14 EPOXY SEGMENT TO ACCOUNT FOR LARGEST MARKET SHARE IN 2030

FIGURE 15 OVER 50 METERS SEGMENT TO REGISTER HIGHER CAGR DURING FORECAST PERIOD

FIGURE 16 OFFSHORE WIND TURBINES SEGMENT TO REGISTER HIGHER CAGR DURING FORECAST PERIOD

FIGURE 17 INDIA TO REGISTER HIGHEST CAGR DURING FORECAST PERIOD

FIGURE 18 WIND BLADE COMPOSITES MARKET: DRIVERS, RESTRAINTS, OPPORTUNITIES, AND CHALLENGES

FIGURE 19 DEVELOPMENT OF NEW WIND TURBINE INSTALLATIONS, 2020–2024 (GW)

FIGURE 20 WIND BLADE COMPOSITES MARKET: PORTER'S FIVE FORCES ANALYSIS

FIGURE 21 INFLUENCE OF STAKEHOLDERS ON BUYING PROCESS FOR MAJOR APPLICATIONS

FIGURE 22 BUYING CRITERIA FOR KEY APPLICATIONS

FIGURE 23 AVERAGE SELLING PRICE TREND OF WIND BLADE COMPOSITES OFFERED BY KEY PLAYERS, BY APPLICATION, 2024 (USD/KG)

FIGURE 24 AVERAGE SELLING PRICE TREND OF WIND BLADE COMPOSITES, BY FIBER TYPE, 2021–2024 (USD/KG)

FIGURE 25 AVERAGE SELLING PRICE TREND OF WIND BLADE COMPOSITES, BY RESIN TYPE, 2021–2024 (USD/KG)

FIGURE 26 AVERAGE SELLING PRICE TREND OF WIND BLADE COMPOSITES, BY BLADE SIZE, 2021–2024 (USD/KG)

FIGURE 27 AVERAGE SELLING PRICE TREND OF WIND BLADE COMPOSITES, BY APPLICATION, 2021–2024 (USD/KG)

FIGURE 28 AVERAGE SELLING PRICE TREND OF WIND BLADE COMPOSITES, BY REGION, 2021–2024 (USD/KG)

FIGURE 29 WIND BLADE COMPOSITES MARKET: VALUE CHAIN ANALYSIS

FIGURE 30 WIND BLADE COMPOSITES MARKET: SUPPLY CHAIN ANALYSIS

FIGURE 31 WIND BLADE COMPOSITES MARKET: KEY STAKEHOLDERS IN ECOSYSTEM

FIGURE 32 EXPORT DATA FOR HS CODE 7019-COMPLIANT PRODUCTS, BY KEY COUNTRY, 2021–2024 (USD THOUSAND)

FIGURE 33 IMPORT DATA FOR HS CODE 7019-COMPLIANT PRODUCTS, BY KEY COUNTRY, 2021–2024 (USD THOUSAND)

FIGURE 34 EXPORT DATA FOR HS CODE 681511-COMPLIANT PRODUCTS, BY KEY COUNTRY, 2021–2024 (USD THOUSAND)

FIGURE 35 IMPORT DATA FOR HS CODE 681511-COMPLIANT PRODUCTS, BY KEY COUNTRY, 2021–2024 (USD THOUSAND)

FIGURE 36 PATENT ANALYSIS, BY DOCUMENT TYPE, 2015–2025

FIGURE 37 PATENT PUBLICATION TRENDS, 2015–2025

FIGURE 38 LEGAL STATUS OF PATENTS, 2015–2025

FIGURE 39 US JURISDICTION REGISTERED HIGHEST NUMBER OF PATENTS BETWEEN 2015 AND 2025

FIGURE 40 GENERAL ELECTRIC REGISTERED HIGHEST NUMBER OF PATENTS BETWEEN 2015 AND 2025

FIGURE 41 TRENDS/DISRUPTIONS IMPACTING CUSTOMER BUSINESS

FIGURE 42 WIND BLADE COMPOSITES MARKET: DEALS AND FUNDING, 2020–2024 (USD MILLION)

FIGURE 43 WIND BLADE COMPOSITES MARKET: COMPANY VALUATION, 2024 (USD BILLION)

FIGURE 44 CARBON FIBER SEGMENT TO REGISTER HIGHEST CAGR DURING FORECAST PERIOD

FIGURE 45 EPOXY SEGMENT TO HOLD LARGEST MARKET SHARE IN 2025
FIGURE 46 OVER 50 METERS SEGMENT TO REGISTER HIGHER CAGR DURING FORECAST PERIOD
FIGURE 47 OFFSHORE WIND TURBINES SEGMENT TO REGISTER HIGHER CAGR DURING FORECAST PERIOD
FIGURE 48 INDIA TO REGISTER HIGHEST GROWTH DURING FORECAST PERIOD
FIGURE 49 NORTH AMERICA: WIND BLADE COMPOSITES MARKET SNAPSHOT
FIGURE 50 EUROPE: WIND BLADE COMPOSITES MARKET SNAPSHOT
FIGURE 51 ASIA PACIFIC: WIND BLADE COMPOSITES MARKET SNAPSHOT
FIGURE 52 WIND BLADE COMPOSITES MARKET: REVENUE ANALYSIS OF KEY PLAYERS, 2020–2024 (USD MILLION)
FIGURE 53 WIND BLADE COMPOSITES MARKET SHARE ANALYSIS, 2024
FIGURE 54 WIND BLADE COMPOSITES MARKET: BRAND/PRODUCT COMPARATIVE ANALYSIS
FIGURE 55 WIND BLADE COMPOSITES MARKET: COMPANY EVALUATION MATRIX (KEY PLAYERS), 2024
FIGURE 56 WIND BLADE COMPOSITES MARKET: COMPANY FOOTPRINT
FIGURE 57 WIND BLADE COMPOSITES MARKET: COMPANY EVALUATION MATRIX (STARTUPS/SMES), 2024
FIGURE 58 WIND BLADE COMPOSITES MARKET: EV/EBITDA OF KEY VENDORS, 2025
FIGURE 59 WIND BLADE COMPOSITES MARKET: YEAR-TO-DATE (YTD) PRICE TOTAL RETURN AND 5-YEAR STOCK BETA OF KEY VENDORS, 2025
FIGURE 60 GURIT SERVICES AG: COMPANY SNAPSHOT
FIGURE 61 CHINA NATIONAL BUILDING MATERIAL GROUP CORPORATION: COMPANY SNAPSHOT
FIGURE 62 HEXCEL CORPORATION: COMPANY SNAPSHOT
FIGURE 63 TORAY INDUSTRIES, INC.: COMPANY SNAPSHOT
FIGURE 64 CHINA JUSHI CO., LTD.: COMPANY SNAPSHOT
FIGURE 65 SGL CARBON: COMPANY SNAPSHOT
FIGURE 66 EXEL COMPOSITES: COMPANY SNAPSHOT
FIGURE 67 EVONIK: COMPANY SNAPSHOT
FIGURE 68 ARKEMA: COMPANY SNAPSHOT
FIGURE 69 TEIJIN LIMITED: COMPANY SNAPSHOT
FIGURE 70 OWENS CORNING: COMPANY SNAPSHOT
FIGURE 71 EXXON MOBIL CORPORATION: COMPANY SNAPSHOT
FIGURE 72 HUNTSMAN INTERNATIONAL LLC: COMPANY SNAPSHOT

I would like to order

Product name: Wind Blade Composites Market by Fiber Type (Glass Fiber, Carbon Fiber, Other Fiber Types), Resin Type (Epoxy, Polyurethane, Other Resin Types), Blade Size (Up to 50 Meters, Over 50 Meters), Application (Onshore, Offshore), and Region - Global Forecast to 2030

Product link: <https://marketpublishers.com/r/W349AFCEDE81EN.html>

Price: US\$ 4,950.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/W349AFCEDE81EN.html>