

Global Methyltetrahydrophthalic Anhydride for Wind Power Market 2026 by Manufacturers, Regions, Type and Application, Forecast to 2032

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Abstracts

According to our (Global Info Research) latest study, the global Methyltetrahydrophthalic Anhydride for Wind Power market size was valued at US\$ 106 million in 2025 and is forecast to a readjusted size of US\$ 159 million by 2032 with a CAGR of 6.1% during review period.

Methyltetrahydrophthalic Anhydride (MTHPA) is an organic compound, classified as an anhydride - type curing agent. Its molecular structure contains a cyclic anhydride group and a methyl side - chain. This structure enables it to react chemically with the epoxy groups in epoxy resins. In the wind power industry, Methyltetrahydrophthalic Anhydride is mainly used as a curing agent for epoxy resins. Epoxy resins are crucial materials for wind turbine blade manufacturing and protective coatings of other wind power equipment components (such as the hub and the connection parts of the tower).

In 2024, global MTHPA for Wind Power production reached approximately 53 k tons, with an average global market price of around US\$1680 per ton. This product typically has a single-line production capacity of approximately 5,000-10,000 tons, with an industry gross profit margin of approximately 35%-40%. Raw materials account for the largest portion of the cost structure (approximately 65%), followed by energy consumption and processing costs. The upstream suppliers of this product are chemical manufacturers such as isoprene, piperylene, and maleic anhydride, while the downstream suppliers are wind turbine blade manufacturers.

MTHPA, often used as an anhydride curing agent in epoxy and high-performance resin systems, is positioned to benefit from the wind sector's ongoing build-out and rising technical requirements. According to GWEC, 2024 was a record year with

approximately 117 GW of new wind capacity added globally and cumulative installed capacity exceeding about 1.13 TW; offshore capacity is also expanding, reinforcing demand for high-reliability materials used in blades, nacelles and electrical insulation.

From a market-structure perspective, wind projects impose stringent demands on materials: long-term weathering resistance, stable cure behavior across large batches, and predictable mechanical performance. That favors MTHPA applications where formulators need consistent anhydride performance for adhesives, coatings and encapsulants. Two practical opportunities emerge: (1) product upgrades targeting improved low-temperature cure and enhanced durability for offshore environments; (2) scale-driven demand as larger turbines and clustered projects increase volumes of composite adhesives and electrical potting compounds.

Risks and dynamics to watch are largely external: policy instability, permitting delays, grid integration challenges and supply-chain frictions can slow project timelines and create short-term demand volatility. GWEC highlights such policy and market risks even in a year of record installations, underscoring that supply-side readiness and market design matter as much as raw demand.

This report is a detailed and comprehensive analysis for global Methyltetrahydrophthalic Anhydride for Wind Power market. Both quantitative and qualitative analyses are presented by manufacturers, by region & country, by Type and by Application. As the market is constantly changing, this report explores the competition, supply and demand trends, as well as key factors that contribute to its changing demands across many markets. Company profiles and product examples of selected competitors, along with market share estimates of some of the selected leaders for the year 2025, are provided.

Key Features:

Global Methyltetrahydrophthalic Anhydride for Wind Power market size and forecasts, in consumption value (\$ Million), sales quantity (Tons), and average selling prices (US\$/Ton), 2021-2032

Global Methyltetrahydrophthalic Anhydride for Wind Power market size and forecasts by region and country, in consumption value (\$ Million), sales quantity (Tons), and average selling prices (US\$/Ton), 2021-2032

Global Methyltetrahydrophthalic Anhydride for Wind Power market size and forecasts,

by Type and by Application, in consumption value (\$ Million), sales quantity (Tons), and average selling prices (US\$/Ton), 2021-2032

Global Methyltetrahydrophthalic Anhydride for Wind Power market shares of main players, shipments in revenue (\$ Million), sales quantity (Tons), and ASP (US\$/Ton), 2021-2026

The Primary Objectives in This Report Are:

To determine the size of the total market opportunity of global and key countries

To assess the growth potential for Methyltetrahydrophthalic Anhydride for Wind Power

To forecast future growth in each product and end-use market

To assess competitive factors affecting the marketplace

This report profiles key players in the global Methyltetrahydrophthalic Anhydride for Wind Power market based on the following parameters - company overview, sales quantity, revenue, price, gross margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include Polynt, Dixie Chemical, Puyang Huicheng Electronic Material, Anhui Meisenbao Technology, Zhejiang Heyi Chemical, Huizhou Juhui, Jiaxing Nanyang Wanshixing Chemical, Zhengzhou Alfa Chemical, Jiaxing Dongfang WANDA New MATERIALS, etc.

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

Market Segmentation

Methyltetrahydrophthalic Anhydride for Wind Power market is split by Type and by Application. For the period 2021-2032, the growth among segments provides accurate calculations and forecasts for consumption value by Type, and by Application in terms of volume and value. This analysis can help you expand your business by targeting qualified niche markets.

Market segment by Type

Content 98%

Content 98%

Market segment by Application

Wind Turbine Blades

Electrical Components

Others

Major players covered

Polynt

Dixie Chemical

Puyang Huicheng Electronic Material

Anhui Meisenbao Technology

Zhejiang Heyi Chemical

Huizhou Juhui

Jiaxing Nanyang Wanshixing Chemical

Zhengzhou Alfa Chemical

Jiaxing Dongfang WANDA New MATERIALS

Market segment by region, regional analysis covers

North America (United States, Canada, and Mexico)

Europe (Germany, France, United Kingdom, Russia, Italy, and Rest of Europe)

Asia-Pacific (China, Japan, Korea, India, Southeast Asia, and Australia)

South America (Brazil, Argentina, Colombia, and Rest of South America)

Middle East & Africa (Saudi Arabia, UAE, Egypt, South Africa, and Rest of Middle East & Africa)

The content of the study subjects, includes a total of 15 chapters:

Chapter 1, to describe Methyltetrahydrophthalic Anhydride for Wind Power product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of Methyltetrahydrophthalic Anhydride for Wind Power, with price, sales quantity, revenue, and global market share of Methyltetrahydrophthalic Anhydride for Wind Power from 2021 to 2026.

Chapter 3, the Methyltetrahydrophthalic Anhydride for Wind Power competitive situation, sales quantity, revenue, and global market share of top manufacturers are analyzed emphatically by landscape contrast.

Chapter 4, the Methyltetrahydrophthalic Anhydride for Wind Power breakdown data are shown at the regional level, to show the sales quantity, consumption value, and growth by regions, from 2021 to 2032.

Chapter 5 and 6, to segment the sales by Type and by Application, with sales market share and growth rate by Type, by Application, from 2021 to 2032.

Chapter 7, 8, 9, 10 and 11, to break the sales data at the country level, with sales quantity, consumption value, and market share for key countries in the world, from 2021 to 2026. and Methyltetrahydrophthalic Anhydride for Wind Power market forecast, by regions, by Type, and by Application, with sales and revenue, from 2027 to 2032.

Chapter 12, market dynamics, drivers, restraints, trends, and Porters Five Forces analysis.

Chapter 13, the key raw materials and key suppliers, and industry chain of Methyltetrahydrophthalic Anhydride for Wind Power.

Chapter 14 and 15, to describe Methyltetrahydrophthalic Anhydride for Wind Power sales channel, distributors, customers, research findings and conclusion.

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