

# Global Coal-based PBAT Biodegradable Plastic Market 2025 by Manufacturers, Regions, Type and Application, Forecast to 2031

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## Abstracts

According to our (Global Info Research) latest study, the global Coal-based PBAT Biodegradable Plastic market size was valued at US\$ 892 million in 2024 and is forecast to a readjusted size of USD 1306 million by 2031 with a CAGR of 5.7% during review period.

In this report, we will assess the current U.S. tariff framework alongside international policy adaptations, analyzing their effects on competitive market structures, regional economic dynamics, and supply chain resilience.

PBAT(Polybutylene Adipate Terephthalate) is a commonly used synthetic polymer material, a copolymer of butylene adipate and butylene terephthalate. This copolymer structure gives PBAT unique physical and chemical properties. The PBAT molecular chain has good flexibility and excellent film-forming properties. It is widely used in the fields of ground film, film bag packaging, etc. It is one of the fastest-growing and most widely used biodegradable plastics. In the field of plastic manufacturing, coal can be converted into various petrochemical raw materials through a series of complex chemical processes, which can then be used to synthesize different types of plastics, including biodegradable plastics. Coal-based PBAT biodegradable plastics refer to PBAT biodegradable plastics prepared by chemical processing or conversion using coal as the main raw material or starting material. This report focuses on coal-based PBAT biodegradable plastics.

This report is a detailed and comprehensive analysis for global Coal-based PBAT Biodegradable Plastic 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 Coal-based PBAT Biodegradable Plastic market size and forecasts, in consumption value (\$ Million), sales quantity (Tons), and average selling prices (US\$/Ton), 2020-2031

Global Coal-based PBAT Biodegradable Plastic market size and forecasts by region and country, in consumption value (\$ Million), sales quantity (Tons), and average selling prices (US\$/Ton), 2020-2031

Global Coal-based PBAT Biodegradable Plastic market size and forecasts, by Type and by Application, in consumption value (\$ Million), sales quantity (Tons), and average selling prices (US\$/Ton), 2020-2031

Global Coal-based PBAT Biodegradable Plastic market shares of main players, shipments in revenue (\$ Million), sales quantity (Tons), and ASP (US\$/Ton), 2020-2025

### **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 Coal-based PBAT Biodegradable Plastic
- 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 Coal-based PBAT Biodegradable Plastic 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 BASF, Novamont, Kingfa, Xinjiang Blue Ridge Tunhe Energy, ECEC, Huaфон Chemical, Wanhua Chemical Group, RedAvenue, etc.

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

### **Market Segmentation**

Coal-based PBAT Biodegradable Plastic market is split by Type and by Application. For the period 2020-2031, 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**

Direct Esterification Method

Transesterification Method

### **Market segment by Application**

Plastic Packaging Film

Disposable Tableware

Agricultural Mulch Film

Other

### **Major players covered**

BASF

Novamont

Kingfa

Xinjiang Blue Ridge Tunhe Energy

ECEC

Huafon Chemical

Wanhua Chemical Group

RedAvenue

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 Coal-based PBAT Biodegradable Plastic product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of Coal-based PBAT Biodegradable Plastic, with price, sales quantity, revenue, and global market share of Coal-based PBAT Biodegradable Plastic from 2020 to 2025.

Chapter 3, the Coal-based PBAT Biodegradable Plastic competitive situation, sales quantity, revenue, and global market share of top manufacturers are analyzed emphatically by landscape contrast.

Chapter 4, the Coal-based PBAT Biodegradable Plastic breakdown data are shown at the regional level, to show the sales quantity, consumption value, and growth by regions, from 2020 to 2031.

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 2020 to 2031.

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 2020 to 2025. and Coal-based PBAT Biodegradable Plastic market forecast, by regions, by Type, and by Application, with sales and revenue, from 2026 to 2031.

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 Coal-based PBAT Biodegradable Plastic.

Chapter 14 and 15, to describe Coal-based PBAT Biodegradable Plastic sales channel, distributors, customers, research findings and conclusion.

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