

Global Bio PLA Films Market 2024 by Manufacturers, Regions, Type and Application, Forecast to 2030

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Abstracts

According to our (Global Info Research) latest study, the global Bio PLA Films market size was valued at USD million in 2023 and is forecast to a readjusted size of USD million by 2030 with a CAGR of % during review period.

PLA is an aliphatic polyester produced by the polymerization of lactic acid (2-hydroxypropionic acid). Lactic acid can be produced synthetically from hydrogen cyanide and acetaldehyde, or naturally by anaerobic fermentation by bacteria or certain fungi of carbon substrates, either pure (e.g., glucose and sucrose) or impure (e.g., starch). Bio-PLA films can hold creases or twists, a property normally lacking in plastic films. The physical properties of PLA make it an ideal candidate for replacement of fossil-based plastics in several application areas of low-density polyethylene (LDPE), high-density polyethylene (HDPE), polypropylene (PP), and polyethylene terephthalate (PET).

The use of bio-based materials as food packaging materials is on a continuous rise, owing to their advantages over fossil-based plastics, such as use of renewable resources in their production and, in many cases, the biodegradability and/or compostability of the finished product, which offers an alternative to disposal in landfills. The most common bio-based plastic synthesized from bio-based monomer is polylactic acid.

The Global Info Research report includes an overview of the development of the Bio PLA Films industry chain, the market status of Shopping Sacks (?2mm, 2-4mm), Garbage Sacks (?2mm, 2-4mm), and key enterprises in developed and developing market, and analysed the cutting-edge technology, patent, hot applications and market trends of Bio PLA Films.

Regionally, the report analyzes the Bio PLA Films markets in key regions. North America and Europe are experiencing steady growth, driven by government initiatives and increasing consumer awareness. Asia-Pacific, particularly China, leads the global Bio PLA Films market, with robust domestic demand, supportive policies, and a strong manufacturing base.

Key Features:

The report presents comprehensive understanding of the Bio PLA Films market. It provides a holistic view of the industry, as well as detailed insights into individual components and stakeholders. The report analysis market dynamics, trends, challenges, and opportunities within the Bio PLA Films industry.

The report involves analyzing the market at a macro level:

Market Sizing and Segmentation: Report collect data on the overall market size, including the sales quantity (Tons), revenue generated, and market share of different by Thickness (e.g., ?2mm, 2-4mm).

Industry Analysis: Report analyse the broader industry trends, such as government policies and regulations, technological advancements, consumer preferences, and market dynamics. This analysis helps in understanding the key drivers and challenges influencing the Bio PLA Films market.

Regional Analysis: The report involves examining the Bio PLA Films market at a regional or national level. Report analyses regional factors such as government incentives, infrastructure development, economic conditions, and consumer behaviour to identify variations and opportunities within different markets.

Market Projections: Report covers the gathered data and analysis to make future projections and forecasts for the Bio PLA Films market. This may include estimating market growth rates, predicting market demand, and identifying emerging trends.

The report also involves a more granular approach to Bio PLA Films:

Company Analysis: Report covers individual Bio PLA Films manufacturers, suppliers, and other relevant industry players. This analysis includes studying their financial performance, market positioning, product portfolios, partnerships, and strategies.

Consumer Analysis: Report covers data on consumer behaviour, preferences, and attitudes towards Bio PLA Films. This may involve surveys, interviews, and analysis of consumer reviews and feedback from different by Application (Shopping Sacks, Garbage Sacks).

Technology Analysis: Report covers specific technologies relevant to Bio PLA Films. It assesses the current state, advancements, and potential future developments in Bio PLA Films areas.

Competitive Landscape: By analyzing individual companies, suppliers, and consumers, the report presents insights into the competitive landscape of the Bio PLA Films market. This analysis helps understand market share, competitive advantages, and potential areas for differentiation among industry players.

Market Validation: The report involves validating findings and projections through primary research, such as surveys, interviews, and focus groups.

Market Segmentation

Bio PLA Films market is split by Thickness and by Application. For the period 2019-2030, the growth among segments provides accurate calculations and forecasts for consumption value by Thickness, and by Application in terms of volume and value.

Market segment by Thickness

?2mm

2-4mm

4.1-6mm

6.1-8mm

8.1-10mm

10.1-12mm

>12mm

Market segment by Application

Shopping Sacks

Garbage Sacks

Food Wrap

Agricultural Mulch

Other

Major players covered

Toray Industries

Amcor

Plastic Union

Treofan Film International

NatureWorks

Teijin

Taghleef Industries

Mondi Group

Innovia Films

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 Bio PLA Films product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of Bio PLA Films, with price, sales, revenue and global market share of Bio PLA Films from 2019 to 2024.

Chapter 3, the Bio PLA Films competitive situation, sales quantity, revenue and global market share of top manufacturers are analyzed emphatically by landscape contrast.

Chapter 4, the Bio PLA Films breakdown data are shown at the regional level, to show the sales quantity, consumption value and growth by regions, from 2019 to 2030.

Chapter 5 and 6, to segment the sales by Thickness and application, with sales market share and growth rate by thickness, application, from 2019 to 2030.

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 2017 to 2023. and Bio PLA Films market forecast, by regions, thickness and application, with sales and revenue, from 2025 to 2030.

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 Bio PLA Films.

Chapter 14 and 15, to describe Bio PLA Films sales channel, distributors, customers, research findings and conclusion.

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