

Global Bio-Polylactic Acid (PLA) 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-Polylactic Acid (PLA) 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.

Polylactic acid (PLA) is an aliphatic polyester made up of lactic acid (2-hydroxy propionic acid) building blocks. It is also a biodegradable and compostable thermoplastic derived from renewable plant sources, such as starch and sugar.

The PLA market is segmented on the basis of raw material, form, and end-user industry. Based on the raw material, corn has the largest share of approximately 60% as it is being increasingly used as a substitute for the conventional petroleum-based plastics. There are growing government initiatives in countries like China to boost the production of bioplastics in order to utilize its massive corn stock.

The Global Info Research report includes an overview of the development of the Bio-Polylactic Acid (PLA) industry chain, the market status of Packaging (Poly(L-lactic)acid, Poly(D-lactic)acid), Automotive (Poly(L-lactic)acid, Poly(D-lactic)acid), and key enterprises in developed and developing market, and analysed the cutting-edge technology, patent, hot applications and market trends of Bio-Polylactic Acid (PLA).

Regionally, the report analyzes the Bio-Polylactic Acid (PLA) 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-Polylactic Acid (PLA) market, with robust domestic demand, supportive policies, and a strong manufacturing base.

Key Features:

The report presents comprehensive understanding of the Bio-Polylactic Acid (PLA) 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-Polylactic Acid (PLA) 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 (K MT), revenue generated, and market share of different by Type (e.g., Poly(L-lactic)acid, Poly(D-lactic)acid).

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-Polylactic Acid (PLA) market.

Regional Analysis: The report involves examining the Bio-Polylactic Acid (PLA) 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-Polylactic Acid (PLA) 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-Polylactic Acid (PLA):

Company Analysis: Report covers individual Bio-Polylactic Acid (PLA) 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-Polylactic Acid (PLA) This may involve surveys, interviews, and analysis of consumer reviews and feedback from different by Application (Packaging,

Automotive).

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

Competitive Landscape: By analyzing individual companies, suppliers, and consumers, the report present insights into the competitive landscape of the Bio-Polylactic Acid (PLA) 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-Polylactic Acid (PLA) market is split by Type and by Application. For the period 2019-2030, the growth among segments provides accurate calculations and forecasts for consumption value by Type, and by Application in terms of volume and value.

Market segment by Type

Poly(L-lactic)acid

Poly(D-lactic)acid

Poly(DL-lactic)acid

Market segment by Application

Packaging

Automotive

Medical

Electronics

Agriculture

Textiles

Others

Major players covered

Teijin

Toray

Mitsubishi Chemical

Eastman Chemicals

BASF

Bayer

DowDuPont

Natureworks

Synbra Technology

NatureWorks

Futerra

Toyobo

Sulzer

Jiuding Biological Engineering

Henen Jindan Lactic Acid Technology

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-Polylactic Acid (PLA) product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of Bio-Polylactic Acid (PLA), with price, sales, revenue and global market share of Bio-Polylactic Acid (PLA) from 2019 to 2024.

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

Chapter 4, the Bio-Polylactic Acid (PLA) 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 Type and application, with sales market share and growth rate by type, 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-Polylactic Acid (PLA) market forecast, by regions, type 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-Polylactic Acid (PLA).

Chapter 14 and 15, to describe Bio-Polylactic Acid (PLA) sales channel, distributors, customers, research findings and conclusion.

Contents

1 MARKET OVERVIEW

1.1 Product Overview and Scope of Bio-Polylactic Acid (PLA)

1.2 Market Estimation Caveats and Base Year

1.3 Market Analysis by Type

1.3.1 Overview: Global Bio-Polylactic Acid (PLA) Consumption Value by Type: 2019 Versus 2023 Versus 2030

1.3.2 Poly(L-lactic)acid

1.3.3 Poly(D-lactic)acid

1.3.4 Poly(DL-lactic)acid

1.4 Market Analysis by Application

1.4.1 Overview: Global Bio-Polylactic Acid (PLA) Consumption Value by Application: 2019 Versus 2023 Versus 2030

1.4.2 Packaging

1.4.3 Automotive

1.4.4 Medical

1.4.5 Electronics

1.4.6 Agriculture

1.4.7 Textiles

1.4.8 Others

1.5 Global Bio-Polylactic Acid (PLA) Market Size & Forecast

1.5.1 Global Bio-Polylactic Acid (PLA) Consumption Value (2019 & 2023 & 2030)

1.5.2 Global Bio-Polylactic Acid (PLA) Sales Quantity (2019-2030)

1.5.3 Global Bio-Polylactic Acid (PLA) Average Price (2019-2030)

2 MANUFACTURERS PROFILES

2.1 Teijin

2.1.1 Teijin Details

2.1.2 Teijin Major Business

2.1.3 Teijin Bio-Polylactic Acid (PLA) Product and Services

2.1.4 Teijin Bio-Polylactic Acid (PLA) Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)

2.1.5 Teijin Recent Developments/Updates

2.2 Toray

2.2.1 Toray Details

2.2.2 Toray Major Business

- 2.2.3 Toray Bio-Polylactic Acid (PLA) Product and Services
- 2.2.4 Toray Bio-Polylactic Acid (PLA) Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)
- 2.2.5 Toray Recent Developments/Updates
- 2.3 Mitsubishi Chemical
 - 2.3.1 Mitsubishi Chemical Details
 - 2.3.2 Mitsubishi Chemical Major Business
 - 2.3.3 Mitsubishi Chemical Bio-Polylactic Acid (PLA) Product and Services
 - 2.3.4 Mitsubishi Chemical Bio-Polylactic Acid (PLA) Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)
 - 2.3.5 Mitsubishi Chemical Recent Developments/Updates
- 2.4 Eastman Chemicals
 - 2.4.1 Eastman Chemicals Details
 - 2.4.2 Eastman Chemicals Major Business
 - 2.4.3 Eastman Chemicals Bio-Polylactic Acid (PLA) Product and Services
 - 2.4.4 Eastman Chemicals Bio-Polylactic Acid (PLA) Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)
 - 2.4.5 Eastman Chemicals Recent Developments/Updates
- 2.5 BASF
 - 2.5.1 BASF Details
 - 2.5.2 BASF Major Business
 - 2.5.3 BASF Bio-Polylactic Acid (PLA) Product and Services
 - 2.5.4 BASF Bio-Polylactic Acid (PLA) Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)
 - 2.5.5 BASF Recent Developments/Updates
- 2.6 Bayer
 - 2.6.1 Bayer Details
 - 2.6.2 Bayer Major Business
 - 2.6.3 Bayer Bio-Polylactic Acid (PLA) Product and Services
 - 2.6.4 Bayer Bio-Polylactic Acid (PLA) Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)
 - 2.6.5 Bayer Recent Developments/Updates
- 2.7 DowDuPont
 - 2.7.1 DowDuPont Details
 - 2.7.2 DowDuPont Major Business
 - 2.7.3 DowDuPont Bio-Polylactic Acid (PLA) Product and Services
 - 2.7.4 DowDuPont Bio-Polylactic Acid (PLA) Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)
 - 2.7.5 DowDuPont Recent Developments/Updates

2.8 Natureworks

2.8.1 Natureworks Details

2.8.2 Natureworks Major Business

2.8.3 Natureworks Bio-Polylactic Acid (PLA) Product and Services

2.8.4 Natureworks Bio-Polylactic Acid (PLA) Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)

2.8.5 Natureworks Recent Developments/Updates

2.9 Synbra Technology

2.9.1 Synbra Technology Details

2.9.2 Synbra Technology Major Business

2.9.3 Synbra Technology Bio-Polylactic Acid (PLA) Product and Services

2.9.4 Synbra Technology Bio-Polylactic Acid (PLA) Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)

2.9.5 Synbra Technology Recent Developments/Updates

2.10 NatureWorks

2.10.1 NatureWorks Details

2.10.2 NatureWorks Major Business

2.10.3 NatureWorks Bio-Polylactic Acid (PLA) Product and Services

2.10.4 NatureWorks Bio-Polylactic Acid (PLA) Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)

2.10.5 NatureWorks Recent Developments/Updates

2.11 Futerro

2.11.1 Futerro Details

2.11.2 Futerro Major Business

2.11.3 Futerro Bio-Polylactic Acid (PLA) Product and Services

2.11.4 Futerro Bio-Polylactic Acid (PLA) Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)

2.11.5 Futerro Recent Developments/Updates

2.12 Toyobo

2.12.1 Toyobo Details

2.12.2 Toyobo Major Business

2.12.3 Toyobo Bio-Polylactic Acid (PLA) Product and Services

2.12.4 Toyobo Bio-Polylactic Acid (PLA) Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)

2.12.5 Toyobo Recent Developments/Updates

2.13 Sulzer

2.13.1 Sulzer Details

2.13.2 Sulzer Major Business

2.13.3 Sulzer Bio-Polylactic Acid (PLA) Product and Services

2.13.4 Sulzer Bio-Polylactic Acid (PLA) Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)

2.13.5 Sulzer Recent Developments/Updates

2.14 Jiuding Biological Engineering

2.14.1 Jiuding Biological Engineering Details

2.14.2 Jiuding Biological Engineering Major Business

2.14.3 Jiuding Biological Engineering Bio-Polylactic Acid (PLA) Product and Services

2.14.4 Jiuding Biological Engineering Bio-Polylactic Acid (PLA) Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)

2.14.5 Jiuding Biological Engineering Recent Developments/Updates

2.15 Henen Jindan Lactic Acid Technology

2.15.1 Henen Jindan Lactic Acid Technology Details

2.15.2 Henen Jindan Lactic Acid Technology Major Business

2.15.3 Henen Jindan Lactic Acid Technology Bio-Polylactic Acid (PLA) Product and Services

2.15.4 Henen Jindan Lactic Acid Technology Bio-Polylactic Acid (PLA) Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)

2.15.5 Henen Jindan Lactic Acid Technology Recent Developments/Updates

3 COMPETITIVE ENVIRONMENT: BIO-POLYLACTIC ACID (PLA) BY MANUFACTURER

3.1 Global Bio-Polylactic Acid (PLA) Sales Quantity by Manufacturer (2019-2024)

3.2 Global Bio-Polylactic Acid (PLA) Revenue by Manufacturer (2019-2024)

3.3 Global Bio-Polylactic Acid (PLA) Average Price by Manufacturer (2019-2024)

3.4 Market Share Analysis (2023)

3.4.1 Producer Shipments of Bio-Polylactic Acid (PLA) by Manufacturer Revenue (\$MM) and Market Share (%): 2023

3.4.2 Top 3 Bio-Polylactic Acid (PLA) Manufacturer Market Share in 2023

3.4.2 Top 6 Bio-Polylactic Acid (PLA) Manufacturer Market Share in 2023

3.5 Bio-Polylactic Acid (PLA) Market: Overall Company Footprint Analysis

3.5.1 Bio-Polylactic Acid (PLA) Market: Region Footprint

3.5.2 Bio-Polylactic Acid (PLA) Market: Company Product Type Footprint

3.5.3 Bio-Polylactic Acid (PLA) Market: Company Product Application Footprint

3.6 New Market Entrants and Barriers to Market Entry

3.7 Mergers, Acquisition, Agreements, and Collaborations

4 CONSUMPTION ANALYSIS BY REGION

4.1 Global Bio-Polylactic Acid (PLA) Market Size by Region

4.1.1 Global Bio-Polylactic Acid (PLA) Sales Quantity by Region (2019-2030)

4.1.2 Global Bio-Polylactic Acid (PLA) Consumption Value by Region (2019-2030)

4.1.3 Global Bio-Polylactic Acid (PLA) Average Price by Region (2019-2030)

4.2 North America Bio-Polylactic Acid (PLA) Consumption Value (2019-2030)

4.3 Europe Bio-Polylactic Acid (PLA) Consumption Value (2019-2030)

4.4 Asia-Pacific Bio-Polylactic Acid (PLA) Consumption Value (2019-2030)

4.5 South America Bio-Polylactic Acid (PLA) Consumption Value (2019-2030)

4.6 Middle East and Africa Bio-Polylactic Acid (PLA) Consumption Value (2019-2030)

5 MARKET SEGMENT BY TYPE

5.1 Global Bio-Polylactic Acid (PLA) Sales Quantity by Type (2019-2030)

5.2 Global Bio-Polylactic Acid (PLA) Consumption Value by Type (2019-2030)

5.3 Global Bio-Polylactic Acid (PLA) Average Price by Type (2019-2030)

6 MARKET SEGMENT BY APPLICATION

6.1 Global Bio-Polylactic Acid (PLA) Sales Quantity by Application (2019-2030)

6.2 Global Bio-Polylactic Acid (PLA) Consumption Value by Application (2019-2030)

6.3 Global Bio-Polylactic Acid (PLA) Average Price by Application (2019-2030)

7 NORTH AMERICA

7.1 North America Bio-Polylactic Acid (PLA) Sales Quantity by Type (2019-2030)

7.2 North America Bio-Polylactic Acid (PLA) Sales Quantity by Application (2019-2030)

7.3 North America Bio-Polylactic Acid (PLA) Market Size by Country

7.3.1 North America Bio-Polylactic Acid (PLA) Sales Quantity by Country (2019-2030)

7.3.2 North America Bio-Polylactic Acid (PLA) Consumption Value by Country (2019-2030)

7.3.3 United States Market Size and Forecast (2019-2030)

7.3.4 Canada Market Size and Forecast (2019-2030)

7.3.5 Mexico Market Size and Forecast (2019-2030)

8 EUROPE

8.1 Europe Bio-Polylactic Acid (PLA) Sales Quantity by Type (2019-2030)

8.2 Europe Bio-Polylactic Acid (PLA) Sales Quantity by Application (2019-2030)

8.3 Europe Bio-Polylactic Acid (PLA) Market Size by Country

- 8.3.1 Europe Bio-Polylactic Acid (PLA) Sales Quantity by Country (2019-2030)
- 8.3.2 Europe Bio-Polylactic Acid (PLA) Consumption Value by Country (2019-2030)
- 8.3.3 Germany Market Size and Forecast (2019-2030)
- 8.3.4 France Market Size and Forecast (2019-2030)
- 8.3.5 United Kingdom Market Size and Forecast (2019-2030)
- 8.3.6 Russia Market Size and Forecast (2019-2030)
- 8.3.7 Italy Market Size and Forecast (2019-2030)

9 ASIA-PACIFIC

- 9.1 Asia-Pacific Bio-Polylactic Acid (PLA) Sales Quantity by Type (2019-2030)
- 9.2 Asia-Pacific Bio-Polylactic Acid (PLA) Sales Quantity by Application (2019-2030)
- 9.3 Asia-Pacific Bio-Polylactic Acid (PLA) Market Size by Region
 - 9.3.1 Asia-Pacific Bio-Polylactic Acid (PLA) Sales Quantity by Region (2019-2030)
 - 9.3.2 Asia-Pacific Bio-Polylactic Acid (PLA) Consumption Value by Region (2019-2030)
 - 9.3.3 China Market Size and Forecast (2019-2030)
 - 9.3.4 Japan Market Size and Forecast (2019-2030)
 - 9.3.5 Korea Market Size and Forecast (2019-2030)
 - 9.3.6 India Market Size and Forecast (2019-2030)
 - 9.3.7 Southeast Asia Market Size and Forecast (2019-2030)
 - 9.3.8 Australia Market Size and Forecast (2019-2030)

10 SOUTH AMERICA

- 10.1 South America Bio-Polylactic Acid (PLA) Sales Quantity by Type (2019-2030)
- 10.2 South America Bio-Polylactic Acid (PLA) Sales Quantity by Application (2019-2030)
- 10.3 South America Bio-Polylactic Acid (PLA) Market Size by Country
 - 10.3.1 South America Bio-Polylactic Acid (PLA) Sales Quantity by Country (2019-2030)
 - 10.3.2 South America Bio-Polylactic Acid (PLA) Consumption Value by Country (2019-2030)
 - 10.3.3 Brazil Market Size and Forecast (2019-2030)
 - 10.3.4 Argentina Market Size and Forecast (2019-2030)

11 MIDDLE EAST & AFRICA

- 11.1 Middle East & Africa Bio-Polylactic Acid (PLA) Sales Quantity by Type (2019-2030)

11.2 Middle East & Africa Bio-Polylactic Acid (PLA) Sales Quantity by Application (2019-2030)

11.3 Middle East & Africa Bio-Polylactic Acid (PLA) Market Size by Country

11.3.1 Middle East & Africa Bio-Polylactic Acid (PLA) Sales Quantity by Country (2019-2030)

11.3.2 Middle East & Africa Bio-Polylactic Acid (PLA) Consumption Value by Country (2019-2030)

11.3.3 Turkey Market Size and Forecast (2019-2030)

11.3.4 Egypt Market Size and Forecast (2019-2030)

11.3.5 Saudi Arabia Market Size and Forecast (2019-2030)

11.3.6 South Africa Market Size and Forecast (2019-2030)

12 MARKET DYNAMICS

12.1 Bio-Polylactic Acid (PLA) Market Drivers

12.2 Bio-Polylactic Acid (PLA) Market Restraints

12.3 Bio-Polylactic Acid (PLA) Trends Analysis

12.4 Porters Five Forces Analysis

12.4.1 Threat of New Entrants

12.4.2 Bargaining Power of Suppliers

12.4.3 Bargaining Power of Buyers

12.4.4 Threat of Substitutes

12.4.5 Competitive Rivalry

13 RAW MATERIAL AND INDUSTRY CHAIN

13.1 Raw Material of Bio-Polylactic Acid (PLA) and Key Manufacturers

13.2 Manufacturing Costs Percentage of Bio-Polylactic Acid (PLA)

13.3 Bio-Polylactic Acid (PLA) Production Process

13.4 Bio-Polylactic Acid (PLA) Industrial Chain

14 SHIPMENTS BY DISTRIBUTION CHANNEL

14.1 Sales Channel

14.1.1 Direct to End-User

14.1.2 Distributors

14.2 Bio-Polylactic Acid (PLA) Typical Distributors

14.3 Bio-Polylactic Acid (PLA) Typical Customers

15 RESEARCH FINDINGS AND CONCLUSION

16 APPENDIX

16.1 Methodology

16.2 Research Process and Data Source

16.3 Disclaimer

List Of Tables

LIST OF TABLES

Table 1. Global Bio-Polylactic Acid (PLA) Consumption Value by Type, (USD Million), 2019 & 2023 & 2030

Table 2. Global Bio-Polylactic Acid (PLA) Consumption Value by Application, (USD Million), 2019 & 2023 & 2030

Table 3. Teijin Basic Information, Manufacturing Base and Competitors

Table 4. Teijin Major Business

Table 5. Teijin Bio-Polylactic Acid (PLA) Product and Services

Table 6. Teijin Bio-Polylactic Acid (PLA) Sales Quantity (K MT), Average Price (USD/MT), Revenue (USD Million), Gross Margin and Market Share (2019-2024)

Table 7. Teijin Recent Developments/Updates

Table 8. Toray Basic Information, Manufacturing Base and Competitors

Table 9. Toray Major Business

Table 10. Toray Bio-Polylactic Acid (PLA) Product and Services

Table 11. Toray Bio-Polylactic Acid (PLA) Sales Quantity (K MT), Average Price (USD/MT), Revenue (USD Million), Gross Margin and Market Share (2019-2024)

Table 12. Toray Recent Developments/Updates

Table 13. Mitsubishi Chemical Basic Information, Manufacturing Base and Competitors

Table 14. Mitsubishi Chemical Major Business

Table 15. Mitsubishi Chemical Bio-Polylactic Acid (PLA) Product and Services

Table 16. Mitsubishi Chemical Bio-Polylactic Acid (PLA) Sales Quantity (K MT), Average Price (USD/MT), Revenue (USD Million), Gross Margin and Market Share (2019-2024)

Table 17. Mitsubishi Chemical Recent Developments/Updates

Table 18. Eastman Chemicals Basic Information, Manufacturing Base and Competitors

Table 19. Eastman Chemicals Major Business

Table 20. Eastman Chemicals Bio-Polylactic Acid (PLA) Product and Services

Table 21. Eastman Chemicals Bio-Polylactic Acid (PLA) Sales Quantity (K MT), Average Price (USD/MT), Revenue (USD Million), Gross Margin and Market Share (2019-2024)

Table 22. Eastman Chemicals Recent Developments/Updates

Table 23. BASF Basic Information, Manufacturing Base and Competitors

Table 24. BASF Major Business

Table 25. BASF Bio-Polylactic Acid (PLA) Product and Services

Table 26. BASF Bio-Polylactic Acid (PLA) Sales Quantity (K MT), Average Price (USD/MT), Revenue (USD Million), Gross Margin and Market Share (2019-2024)

Table 27. BASF Recent Developments/Updates

Table 28. Bayer Basic Information, Manufacturing Base and Competitors

Table 29. Bayer Major Business

Table 30. Bayer Bio-Polylactic Acid (PLA) Product and Services

Table 31. Bayer Bio-Polylactic Acid (PLA) Sales Quantity (K MT), Average Price (USD/MT), Revenue (USD Million), Gross Margin and Market Share (2019-2024)

Table 32. Bayer Recent Developments/Updates

Table 33. DowDuPont Basic Information, Manufacturing Base and Competitors

Table 34. DowDuPont Major Business

Table 35. DowDuPont Bio-Polylactic Acid (PLA) Product and Services

Table 36. DowDuPont Bio-Polylactic Acid (PLA) Sales Quantity (K MT), Average Price (USD/MT), Revenue (USD Million), Gross Margin and Market Share (2019-2024)

Table 37. DowDuPont Recent Developments/Updates

Table 38. Natureworks Basic Information, Manufacturing Base and Competitors

Table 39. Natureworks Major Business

Table 40. Natureworks Bio-Polylactic Acid (PLA) Product and Services

Table 41. Natureworks Bio-Polylactic Acid (PLA) Sales Quantity (K MT), Average Price (USD/MT), Revenue (USD Million), Gross Margin and Market Share (2019-2024)

Table 42. Natureworks Recent Developments/Updates

Table 43. Synbra Technology Basic Information, Manufacturing Base and Competitors

Table 44. Synbra Technology Major Business

Table 45. Synbra Technology Bio-Polylactic Acid (PLA) Product and Services

Table 46. Synbra Technology Bio-Polylactic Acid (PLA) Sales Quantity (K MT), Average Price (USD/MT), Revenue (USD Million), Gross Margin and Market Share (2019-2024)

Table 47. Synbra Technology Recent Developments/Updates

Table 48. NatureWorks Basic Information, Manufacturing Base and Competitors

Table 49. NatureWorks Major Business

Table 50. NatureWorks Bio-Polylactic Acid (PLA) Product and Services

Table 51. NatureWorks Bio-Polylactic Acid (PLA) Sales Quantity (K MT), Average Price (USD/MT), Revenue (USD Million), Gross Margin and Market Share (2019-2024)

Table 52. NatureWorks Recent Developments/Updates

Table 53. Futerro Basic Information, Manufacturing Base and Competitors

Table 54. Futerro Major Business

Table 55. Futerro Bio-Polylactic Acid (PLA) Product and Services

Table 56. Futerro Bio-Polylactic Acid (PLA) Sales Quantity (K MT), Average Price (USD/MT), Revenue (USD Million), Gross Margin and Market Share (2019-2024)

Table 57. Futerro Recent Developments/Updates

Table 58. Toyobo Basic Information, Manufacturing Base and Competitors

Table 59. Toyobo Major Business

Table 60. Toyobo Bio-Polylactic Acid (PLA) Product and Services
Table 61. Toyobo Bio-Polylactic Acid (PLA) Sales Quantity (K MT), Average Price (USD/MT), Revenue (USD Million), Gross Margin and Market Share (2019-2024)
Table 62. Toyobo Recent Developments/Updates
Table 63. Sulzer Basic Information, Manufacturing Base and Competitors
Table 64. Sulzer Major Business
Table 65. Sulzer Bio-Polylactic Acid (PLA) Product and Services
Table 66. Sulzer Bio-Polylactic Acid (PLA) Sales Quantity (K MT), Average Price (USD/MT), Revenue (USD Million), Gross Margin and Market Share (2019-2024)
Table 67. Sulzer Recent Developments/Updates
Table 68. Jiuding Biological Engineering Basic Information, Manufacturing Base and Competitors
Table 69. Jiuding Biological Engineering Major Business
Table 70. Jiuding Biological Engineering Bio-Polylactic Acid (PLA) Product and Services
Table 71. Jiuding Biological Engineering Bio-Polylactic Acid (PLA) Sales Quantity (K MT), Average Price (USD/MT), Revenue (USD Million), Gross Margin and Market Share (2019-2024)
Table 72. Jiuding Biological Engineering Recent Developments/Updates
Table 73. Henen Jindan Lactic Acid Technology Basic Information, Manufacturing Base and Competitors
Table 74. Henen Jindan Lactic Acid Technology Major Business
Table 75. Henen Jindan Lactic Acid Technology Bio-Polylactic Acid (PLA) Product and Services
Table 76. Henen Jindan Lactic Acid Technology Bio-Polylactic Acid (PLA) Sales Quantity (K MT), Average Price (USD/MT), Revenue (USD Million), Gross Margin and Market Share (2019-2024)
Table 77. Henen Jindan Lactic Acid Technology Recent Developments/Updates
Table 78. Global Bio-Polylactic Acid (PLA) Sales Quantity by Manufacturer (2019-2024) & (K MT)
Table 79. Global Bio-Polylactic Acid (PLA) Revenue by Manufacturer (2019-2024) & (USD Million)
Table 80. Global Bio-Polylactic Acid (PLA) Average Price by Manufacturer (2019-2024) & (USD/MT)
Table 81. Market Position of Manufacturers in Bio-Polylactic Acid (PLA), (Tier 1, Tier 2, and Tier 3), Based on Consumption Value in 2023
Table 82. Head Office and Bio-Polylactic Acid (PLA) Production Site of Key Manufacturer
Table 83. Bio-Polylactic Acid (PLA) Market: Company Product Type Footprint
Table 84. Bio-Polylactic Acid (PLA) Market: Company Product Application Footprint

Table 85. Bio-Polylactic Acid (PLA) New Market Entrants and Barriers to Market Entry

Table 86. Bio-Polylactic Acid (PLA) Mergers, Acquisition, Agreements, and Collaborations

Table 87. Global Bio-Polylactic Acid (PLA) Sales Quantity by Region (2019-2024) & (K MT)

Table 88. Global Bio-Polylactic Acid (PLA) Sales Quantity by Region (2025-2030) & (K MT)

Table 89. Global Bio-Polylactic Acid (PLA) Consumption Value by Region (2019-2024) & (USD Million)

Table 90. Global Bio-Polylactic Acid (PLA) Consumption Value by Region (2025-2030) & (USD Million)

Table 91. Global Bio-Polylactic Acid (PLA) Average Price by Region (2019-2024) & (USD/MT)

Table 92. Global Bio-Polylactic Acid (PLA) Average Price by Region (2025-2030) & (USD/MT)

Table 93. Global Bio-Polylactic Acid (PLA) Sales Quantity by Type (2019-2024) & (K MT)

Table 94. Global Bio-Polylactic Acid (PLA) Sales Quantity by Type (2025-2030) & (K MT)

Table 95. Global Bio-Polylactic Acid (PLA) Consumption Value by Type (2019-2024) & (USD Million)

Table 96. Global Bio-Polylactic Acid (PLA) Consumption Value by Type (2025-2030) & (USD Million)

Table 97. Global Bio-Polylactic Acid (PLA) Average Price by Type (2019-2024) & (USD/MT)

Table 98. Global Bio-Polylactic Acid (PLA) Average Price by Type (2025-2030) & (USD/MT)

Table 99. Global Bio-Polylactic Acid (PLA) Sales Quantity by Application (2019-2024) & (K MT)

Table 100. Global Bio-Polylactic Acid (PLA) Sales Quantity by Application (2025-2030) & (K MT)

Table 101. Global Bio-Polylactic Acid (PLA) Consumption Value by Application (2019-2024) & (USD Million)

Table 102. Global Bio-Polylactic Acid (PLA) Consumption Value by Application (2025-2030) & (USD Million)

Table 103. Global Bio-Polylactic Acid (PLA) Average Price by Application (2019-2024) & (USD/MT)

Table 104. Global Bio-Polylactic Acid (PLA) Average Price by Application (2025-2030) & (USD/MT)

Table 105. North America Bio-Polylactic Acid (PLA) Sales Quantity by Type (2019-2024) & (K MT)

Table 106. North America Bio-Polylactic Acid (PLA) Sales Quantity by Type (2025-2030) & (K MT)

Table 107. North America Bio-Polylactic Acid (PLA) Sales Quantity by Application (2019-2024) & (K MT)

Table 108. North America Bio-Polylactic Acid (PLA) Sales Quantity by Application (2025-2030) & (K MT)

Table 109. North America Bio-Polylactic Acid (PLA) Sales Quantity by Country (2019-2024) & (K MT)

Table 110. North America Bio-Polylactic Acid (PLA) Sales Quantity by Country (2025-2030) & (K MT)

Table 111. North America Bio-Polylactic Acid (PLA) Consumption Value by Country (2019-2024) & (USD Million)

Table 112. North America Bio-Polylactic Acid (PLA) Consumption Value by Country (2025-2030) & (USD Million)

Table 113. Europe Bio-Polylactic Acid (PLA) Sales Quantity by Type (2019-2024) & (K MT)

Table 114. Europe Bio-Polylactic Acid (PLA) Sales Quantity by Type (2025-2030) & (K MT)

Table 115. Europe Bio-Polylactic Acid (PLA) Sales Quantity by Application (2019-2024) & (K MT)

Table 116. Europe Bio-Polylactic Acid (PLA) Sales Quantity by Application (2025-2030) & (K MT)

Table 117. Europe Bio-Polylactic Acid (PLA) Sales Quantity by Country (2019-2024) & (K MT)

Table 118. Europe Bio-Polylactic Acid (PLA) Sales Quantity by Country (2025-2030) & (K MT)

Table 119. Europe Bio-Polylactic Acid (PLA) Consumption Value by Country (2019-2024) & (USD Million)

Table 120. Europe Bio-Polylactic Acid (PLA) Consumption Value by Country (2025-2030) & (USD Million)

Table 121. Asia-Pacific Bio-Polylactic Acid (PLA) Sales Quantity by Type (2019-2024) & (K MT)

Table 122. Asia-Pacific Bio-Polylactic Acid (PLA) Sales Quantity by Type (2025-2030) & (K MT)

Table 123. Asia-Pacific Bio-Polylactic Acid (PLA) Sales Quantity by Application (2019-2024) & (K MT)

Table 124. Asia-Pacific Bio-Polylactic Acid (PLA) Sales Quantity by Application

(2025-2030) & (K MT)

Table 125. Asia-Pacific Bio-Polylactic Acid (PLA) Sales Quantity by Region (2019-2024) & (K MT)

Table 126. Asia-Pacific Bio-Polylactic Acid (PLA) Sales Quantity by Region (2025-2030) & (K MT)

Table 127. Asia-Pacific Bio-Polylactic Acid (PLA) Consumption Value by Region (2019-2024) & (USD Million)

Table 128. Asia-Pacific Bio-Polylactic Acid (PLA) Consumption Value by Region (2025-2030) & (USD Million)

Table 129. South America Bio-Polylactic Acid (PLA) Sales Quantity by Type (2019-2024) & (K MT)

Table 130. South America Bio-Polylactic Acid (PLA) Sales Quantity by Type (2025-2030) & (K MT)

Table 131. South America Bio-Polylactic Acid (PLA) Sales Quantity by Application (2019-2024) & (K MT)

Table 132. South America Bio-Polylactic Acid (PLA) Sales Quantity by Application (2025-2030) & (K MT)

Table 133. South America Bio-Polylactic Acid (PLA) Sales Quantity by Country (2019-2024) & (K MT)

Table 134. South America Bio-Polylactic Acid (PLA) Sales Quantity by Country (2025-2030) & (K MT)

Table 135. South America Bio-Polylactic Acid (PLA) Consumption Value by Country (2019-2024) & (USD Million)

Table 136. South America Bio-Polylactic Acid (PLA) Consumption Value by Country (2025-2030) & (USD Million)

Table 137. Middle East & Africa Bio-Polylactic Acid (PLA) Sales Quantity by Type (2019-2024) & (K MT)

Table 138. Middle East & Africa Bio-Polylactic Acid (PLA) Sales Quantity by Type (2025-2030) & (K MT)

Table 139. Middle East & Africa Bio-Polylactic Acid (PLA) Sales Quantity by Application (2019-2024) & (K MT)

Table 140. Middle East & Africa Bio-Polylactic Acid (PLA) Sales Quantity by Application (2025-2030) & (K MT)

Table 141. Middle East & Africa Bio-Polylactic Acid (PLA) Sales Quantity by Region (2019-2024) & (K MT)

Table 142. Middle East & Africa Bio-Polylactic Acid (PLA) Sales Quantity by Region (2025-2030) & (K MT)

Table 143. Middle East & Africa Bio-Polylactic Acid (PLA) Consumption Value by Region (2019-2024) & (USD Million)

Table 144. Middle East & Africa Bio-Polylactic Acid (PLA) Consumption Value by Region (2025-2030) & (USD Million)

Table 145. Bio-Polylactic Acid (PLA) Raw Material

Table 146. Key Manufacturers of Bio-Polylactic Acid (PLA) Raw Materials

Table 147. Bio-Polylactic Acid (PLA) Typical Distributors

Table 148. Bio-Polylactic Acid (PLA) Typical Customers

List Of Figures

LIST OF FIGURES

Figure 1. Bio-Polylactic Acid (PLA) Picture

Figure 2. Global Bio-Polylactic Acid (PLA) Consumption Value by Type, (USD Million), 2019 & 2023 & 2030

Figure 3. Global Bio-Polylactic Acid (PLA) Consumption Value Market Share by Type in 2023

Figure 4. Poly(L-lactic)acid Examples

Figure 5. Poly(D-lactic)acid Examples

Figure 6. Poly(DL-lactic)acid Examples

Figure 7. Global Bio-Polylactic Acid (PLA) Consumption Value by Application, (USD Million), 2019 & 2023 & 2030

Figure 8. Global Bio-Polylactic Acid (PLA) Consumption Value Market Share by Application in 2023

Figure 9. Packaging Examples

Figure 10. Automotive Examples

Figure 11. Medical Examples

Figure 12. Electronics Examples

Figure 13. Agriculture Examples

Figure 14. Textiles Examples

Figure 15. Others Examples

Figure 16. Global Bio-Polylactic Acid (PLA) Consumption Value, (USD Million): 2019 & 2023 & 2030

Figure 17. Global Bio-Polylactic Acid (PLA) Consumption Value and Forecast (2019-2030) & (USD Million)

Figure 18. Global Bio-Polylactic Acid (PLA) Sales Quantity (2019-2030) & (K MT)

Figure 19. Global Bio-Polylactic Acid (PLA) Average Price (2019-2030) & (USD/MT)

Figure 20. Global Bio-Polylactic Acid (PLA) Sales Quantity Market Share by Manufacturer in 2023

Figure 21. Global Bio-Polylactic Acid (PLA) Consumption Value Market Share by Manufacturer in 2023

Figure 22. Producer Shipments of Bio-Polylactic Acid (PLA) by Manufacturer Sales Quantity (\$MM) and Market Share (%): 2023

Figure 23. Top 3 Bio-Polylactic Acid (PLA) Manufacturer (Consumption Value) Market Share in 2023

Figure 24. Top 6 Bio-Polylactic Acid (PLA) Manufacturer (Consumption Value) Market Share in 2023

Figure 25. Global Bio-Polylactic Acid (PLA) Sales Quantity Market Share by Region (2019-2030)

Figure 26. Global Bio-Polylactic Acid (PLA) Consumption Value Market Share by Region (2019-2030)

Figure 27. North America Bio-Polylactic Acid (PLA) Consumption Value (2019-2030) & (USD Million)

Figure 28. Europe Bio-Polylactic Acid (PLA) Consumption Value (2019-2030) & (USD Million)

Figure 29. Asia-Pacific Bio-Polylactic Acid (PLA) Consumption Value (2019-2030) & (USD Million)

Figure 30. South America Bio-Polylactic Acid (PLA) Consumption Value (2019-2030) & (USD Million)

Figure 31. Middle East & Africa Bio-Polylactic Acid (PLA) Consumption Value (2019-2030) & (USD Million)

Figure 32. Global Bio-Polylactic Acid (PLA) Sales Quantity Market Share by Type (2019-2030)

Figure 33. Global Bio-Polylactic Acid (PLA) Consumption Value Market Share by Type (2019-2030)

Figure 34. Global Bio-Polylactic Acid (PLA) Average Price by Type (2019-2030) & (USD/MT)

Figure 35. Global Bio-Polylactic Acid (PLA) Sales Quantity Market Share by Application (2019-2030)

Figure 36. Global Bio-Polylactic Acid (PLA) Consumption Value Market Share by Application (2019-2030)

Figure 37. Global Bio-Polylactic Acid (PLA) Average Price by Application (2019-2030) & (USD/MT)

Figure 38. North America Bio-Polylactic Acid (PLA) Sales Quantity Market Share by Type (2019-2030)

Figure 39. North America Bio-Polylactic Acid (PLA) Sales Quantity Market Share by Application (2019-2030)

Figure 40. North America Bio-Polylactic Acid (PLA) Sales Quantity Market Share by Country (2019-2030)

Figure 41. North America Bio-Polylactic Acid (PLA) Consumption Value Market Share by Country (2019-2030)

Figure 42. United States Bio-Polylactic Acid (PLA) Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 43. Canada Bio-Polylactic Acid (PLA) Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 44. Mexico Bio-Polylactic Acid (PLA) Consumption Value and Growth Rate

(2019-2030) & (USD Million)

Figure 45. Europe Bio-Polylactic Acid (PLA) Sales Quantity Market Share by Type (2019-2030)

Figure 46. Europe Bio-Polylactic Acid (PLA) Sales Quantity Market Share by Application (2019-2030)

Figure 47. Europe Bio-Polylactic Acid (PLA) Sales Quantity Market Share by Country (2019-2030)

Figure 48. Europe Bio-Polylactic Acid (PLA) Consumption Value Market Share by Country (2019-2030)

Figure 49. Germany Bio-Polylactic Acid (PLA) Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 50. France Bio-Polylactic Acid (PLA) Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 51. United Kingdom Bio-Polylactic Acid (PLA) Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 52. Russia Bio-Polylactic Acid (PLA) Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 53. Italy Bio-Polylactic Acid (PLA) Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 54. Asia-Pacific Bio-Polylactic Acid (PLA) Sales Quantity Market Share by Type (2019-2030)

Figure 55. Asia-Pacific Bio-Polylactic Acid (PLA) Sales Quantity Market Share by Application (2019-2030)

Figure 56. Asia-Pacific Bio-Polylactic Acid (PLA) Sales Quantity Market Share by Region (2019-2030)

Figure 57. Asia-Pacific Bio-Polylactic Acid (PLA) Consumption Value Market Share by Region (2019-2030)

Figure 58. China Bio-Polylactic Acid (PLA) Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 59. Japan Bio-Polylactic Acid (PLA) Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 60. Korea Bio-Polylactic Acid (PLA) Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 61. India Bio-Polylactic Acid (PLA) Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 62. Southeast Asia Bio-Polylactic Acid (PLA) Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 63. Australia Bio-Polylactic Acid (PLA) Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 64. South America Bio-Polylactic Acid (PLA) Sales Quantity Market Share by Type (2019-2030)

Figure 65. South America Bio-Polylactic Acid (PLA) Sales Quantity Market Share by Application (2019-2030)

Figure 66. South America Bio-Polylactic Acid (PLA) Sales Quantity Market Share by Country (2019-2030)

Figure 67. South America Bio-Polylactic Acid (PLA) Consumption Value Market Share by Country (2019-2030)

Figure 68. Brazil Bio-Polylactic Acid (PLA) Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 69. Argentina Bio-Polylactic Acid (PLA) Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 70. Middle East & Africa Bio-Polylactic Acid (PLA) Sales Quantity Market Share by Type (2019-2030)

Figure 71. Middle East & Africa Bio-Polylactic Acid (PLA) Sales Quantity Market Share by Application (2019-2030)

Figure 72. Middle East & Africa Bio-Polylactic Acid (PLA) Sales Quantity Market Share by Region (2019-2030)

Figure 73. Middle East & Africa Bio-Polylactic Acid (PLA) Consumption Value Market Share by Region (2019-2030)

Figure 74. Turkey Bio-Polylactic Acid (PLA) Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 75. Egypt Bio-Polylactic Acid (PLA) Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 76. Saudi Arabia Bio-Polylactic Acid (PLA) Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 77. South Africa Bio-Polylactic Acid (PLA) Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 78. Bio-Polylactic Acid (PLA) Market Drivers

Figure 79. Bio-Polylactic Acid (PLA) Market Restraints

Figure 80. Bio-Polylactic Acid (PLA) Market Trends

Figure 81. Porters Five Forces Analysis

Figure 82. Manufacturing Cost Structure Analysis of Bio-Polylactic Acid (PLA) in 2023

Figure 83. Manufacturing Process Analysis of Bio-Polylactic Acid (PLA)

Figure 84. Bio-Polylactic Acid (PLA) Industrial Chain

Figure 85. Sales Quantity Channel: Direct to End-User vs Distributors

Figure 86. Direct Channel Pros & Cons

Figure 87. Indirect Channel Pros & Cons

Figure 88. Methodology

Figure 89. Research Process and Data Source

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