

Global (North America, Europe, Asia-Pacific, South America, Middle East and Africa) Polylactic Acid (PLA) Market 2018, Forecast to 2023

<https://marketpublishers.com/r/G5221287203EN.html>

Date: August 2018

Pages: 133

Price: US\$ 4,880.00 (Single User License)

ID: G5221287203EN

Abstracts

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. PLA can be processed through different production lines including injection molding, blow molding, thermoforming or extrusion, and further used to produce various items such as plastic films, bottles, and biodegradable medical devices.

SCOPE OF THE REPORT:

This report focuses on the Polylactic Acid (PLA) in global market, especially in North America, Europe and Asia-Pacific, South America, Middle East and Africa. This report categorizes the market based on manufacturers, regions, type and application.

Polylactic Acid (PLA) industry is a sunrise industry, breakpoint for blooming is coming. However, due to technical barrier and the risk of uncertain breakpoint of downstream demand, the manufacture end has very high concentration with NatureWorks' accounting for largest share of 76.81% in 2017.

The leading companies, such as NatureWorks, have gained good reputation from customers, Although Chinese manufacturers are enlarging the market share through releasing more capacity, the country is still puzzled by the low-end Polylactic Acid (PLA). It is necessary for Chinese manufacturers to improve their technology to provide high performance products to customers.

As for regions, USA is the largest production base of PLA definitely, followed by China, with 12.05% production market share in 2017. When considering the consumption level, USA is also the largest consumer. In 2017, about 74319 MT PLA was consumed in the region.

The worldwide market for Polylactic Acid (PLA) is expected to grow at a CAGR of roughly 5.4% over the next five years, will reach 770 million US\$ in 2023, from 560 million US\$ in 2017, according to a new GIR (Global Info Research) study.

Market Segment by Manufacturers, this report covers

NatureWorks

Synbra Technology

Teijin

Toray

Futero

Toyobo

Sulzer

Uhde Inventa-Fischer

Hisun Biomaterials

Shanghai Tongjieliang

Jiuding Biological Engineering

Shenzhen Esun Industrial

Market Segment by Regions, regional analysis covers

North America (United States, Canada and Mexico)

Europe (Germany, France, UK, Russia and Italy)

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

South America (Brazil, Argentina, Colombia etc.)

Middle East and Africa (Saudi Arabia, UAE, Egypt, Nigeria and South Africa)

Market Segment by Type, covers

Poly(L-lactic)acid

Poly(D-lactic)acid

Poly(DL-lactic)acid

Market Segment by Applications, can be divided into

Food & Beverage Packaging

Serviceware

Electronics & Appliances

Medical & Hygiene

Other

There are 15 Chapters to deeply display the global Polylactic Acid (PLA) market.

Chapter 1, to describe Polylactic Acid (PLA) Introduction, product scope, market overview, market opportunities, market risk, market driving force;

Chapter 2, to analyze the top manufacturers of Polylactic Acid (PLA), with sales, revenue, and price of Polylactic Acid (PLA), in 2016 and 2017;

Chapter 3, to display the competitive situation among the top manufacturers, with sales, revenue and market share in 2016 and 2017;

Chapter 4, to show the global market by regions, with sales, revenue and market share of Polylactic Acid (PLA), for each region, from 2013 to 2018;

Chapter 5, 6, 7, 8 and 9, to analyze the market by countries, by type, by application and by manufacturers, with sales, revenue and market share by key countries in these regions;

Chapter 10 and 11, to show the market by type and application, with sales market share and growth rate by type, application, from 2013 to 2018;

Chapter 12, Polylactic Acid (PLA) market forecast, by regions, type and application, with sales and revenue, from 2018 to 2023;

Chapter 13, 14 and 15, to describe Polylactic Acid (PLA) sales channel, distributors, traders, dealers, Research Findings and Conclusion, appendix and data source

Contents

1 MARKET OVERVIEW

- 1.1 Polylactic Acid (PLA) Introduction
- 1.2 Market Analysis by Type
 - 1.2.1 Poly(L-lactic)acid
 - 1.2.2 Poly(D-lactic)acid
 - 1.2.3 Poly(DL-lactic)acid
- 1.3 Market Analysis by Applications
 - 1.3.1 Food & Beverage Packaging
 - 1.3.2 Serviceware
 - 1.3.3 Electronics & Appliances
 - 1.3.4 Medical & Hygiene
 - 1.3.5 Other
- 1.4 Market Analysis by Regions
 - 1.4.1 North America (United States, Canada and Mexico)
 - 1.4.1.1 United States Market States and Outlook (2013-2023)
 - 1.4.1.2 Canada Market States and Outlook (2013-2023)
 - 1.4.1.3 Mexico Market States and Outlook (2013-2023)
 - 1.4.2 Europe (Germany, France, UK, Russia and Italy)
 - 1.4.2.1 Germany Market States and Outlook (2013-2023)
 - 1.4.2.2 France Market States and Outlook (2013-2023)
 - 1.4.2.3 UK Market States and Outlook (2013-2023)
 - 1.4.2.4 Russia Market States and Outlook (2013-2023)
 - 1.4.2.5 Italy Market States and Outlook (2013-2023)
 - 1.4.3 Asia-Pacific (China, Japan, Korea, India and Southeast Asia)
 - 1.4.3.1 China Market States and Outlook (2013-2023)
 - 1.4.3.2 Japan Market States and Outlook (2013-2023)
 - 1.4.3.3 Korea Market States and Outlook (2013-2023)
 - 1.4.3.4 India Market States and Outlook (2013-2023)
 - 1.4.3.5 Southeast Asia Market States and Outlook (2013-2023)
 - 1.4.4 South America, Middle East and Africa
 - 1.4.4.1 Brazil Market States and Outlook (2013-2023)
 - 1.4.4.2 Egypt Market States and Outlook (2013-2023)
 - 1.4.4.3 Saudi Arabia Market States and Outlook (2013-2023)
 - 1.4.4.4 South Africa Market States and Outlook (2013-2023)
 - 1.4.4.5 Nigeria Market States and Outlook (2013-2023)
- 1.5 Market Dynamics

- 1.5.1 Market Opportunities
- 1.5.2 Market Risk
- 1.5.3 Market Driving Force

2 MANUFACTURERS PROFILES

2.1 NatureWorks

2.1.1 Business Overview

2.1.1.1 NatureWorks Description

2.1.1.2 NatureWorks Headquarter, Main Business and Finance Overview

2.1.2 NatureWorks Polylactic Acid (PLA) Product Introduction

2.1.2.1 Polylactic Acid (PLA) Production Bases, Sales Regions and Major

Competitors

2.1.2.2 Polylactic Acid (PLA) Product Information

2.1.3 NatureWorks Polylactic Acid (PLA) Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

2.1.3.1 NatureWorks Polylactic Acid (PLA) Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

2.1.3.2 Global NatureWorks Polylactic Acid (PLA) Market Share in 2017

2.2 Synbra Technology

2.2.1 Business Overview

2.2.1.1 Synbra Technology Description

2.2.1.2 Synbra Technology Headquarter, Main Business and Finance Overview

2.2.2 Synbra Technology Polylactic Acid (PLA) Product Introduction

2.2.2.1 Polylactic Acid (PLA) Production Bases, Sales Regions and Major

Competitors

2.2.2.2 Polylactic Acid (PLA) Product Information

2.2.3 Synbra Technology Polylactic Acid (PLA) Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

2.2.3.1 Synbra Technology Polylactic Acid (PLA) Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

2.2.3.2 Global Synbra Technology Polylactic Acid (PLA) Market Share in 2017

2.3 Teijin

2.3.1 Business Overview

2.3.1.1 Teijin Description

2.3.1.2 Teijin Headquarter, Main Business and Finance Overview

2.3.2 Teijin Polylactic Acid (PLA) Product Introduction

2.3.2.1 Polylactic Acid (PLA) Production Bases, Sales Regions and Major

Competitors

2.3.2.2 Polylactic Acid (PLA) Product Information

2.3.3 Teijin Polylactic Acid (PLA) Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

2.3.3.1 Teijin Polylactic Acid (PLA) Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

2.3.3.2 Global Teijin Polylactic Acid (PLA) Market Share in 2017

2.4 Toray

2.4.1 Business Overview

2.4.1.1 Toray Description

2.4.1.2 Toray Headquarter, Main Business and Finance Overview

2.4.2 Toray Polylactic Acid (PLA) Product Introduction

2.4.2.1 Polylactic Acid (PLA) Production Bases, Sales Regions and Major Competitors

2.4.2.2 Polylactic Acid (PLA) Product Information

2.4.3 Toray Polylactic Acid (PLA) Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

2.4.3.1 Toray Polylactic Acid (PLA) Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

2.4.3.2 Global Toray Polylactic Acid (PLA) Market Share in 2017

2.5 Futerro

2.5.1 Business Overview

2.5.1.1 Futerro Description

2.5.1.2 Futerro Headquarter, Main Business and Finance Overview

2.5.2 Futerro Polylactic Acid (PLA) Product Introduction

2.5.2.1 Polylactic Acid (PLA) Production Bases, Sales Regions and Major Competitors

2.5.2.2 Polylactic Acid (PLA) Product Information

2.5.3 Futerro Polylactic Acid (PLA) Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

2.5.3.1 Futerro Polylactic Acid (PLA) Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

2.5.3.2 Global Futerro Polylactic Acid (PLA) Market Share in 2017

2.6 Toyobo

2.6.1 Business Overview

2.6.1.1 Toyobo Description

2.6.1.2 Toyobo Headquarter, Main Business and Finance Overview

2.6.2 Toyobo Polylactic Acid (PLA) Product Introduction

2.6.2.1 Polylactic Acid (PLA) Production Bases, Sales Regions and Major Competitors

2.6.2.2 Polylactic Acid (PLA) Product Information

2.6.3 Toyobo Polylactic Acid (PLA) Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

2.6.3.1 Toyobo Polylactic Acid (PLA) Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

2.6.3.2 Global Toyobo Polylactic Acid (PLA) Market Share in 2017

2.7 Sulzer

2.7.1 Business Overview

2.7.1.1 Sulzer Description

2.7.1.2 Sulzer Headquarter, Main Business and Finance Overview

2.7.2 Sulzer Polylactic Acid (PLA) Product Introduction

2.7.2.1 Polylactic Acid (PLA) Production Bases, Sales Regions and Major Competitors

2.7.2.2 Polylactic Acid (PLA) Product Information

2.7.3 Sulzer Polylactic Acid (PLA) Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

2.7.3.1 Sulzer Polylactic Acid (PLA) Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

2.7.3.2 Global Sulzer Polylactic Acid (PLA) Market Share in 2017

2.8 Uhde Inventa-Fischer

2.8.1 Business Overview

2.8.1.1 Uhde Inventa-Fischer Description

2.8.1.2 Uhde Inventa-Fischer Headquarter, Main Business and Finance Overview

2.8.2 Uhde Inventa-Fischer Polylactic Acid (PLA) Product Introduction

2.8.2.1 Polylactic Acid (PLA) Production Bases, Sales Regions and Major Competitors

2.8.2.2 Polylactic Acid (PLA) Product Information

2.8.3 Uhde Inventa-Fischer Polylactic Acid (PLA) Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

2.8.3.1 Uhde Inventa-Fischer Polylactic Acid (PLA) Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

2.8.3.2 Global Uhde Inventa-Fischer Polylactic Acid (PLA) Market Share in 2017

2.9 Hisun Biomaterials

2.9.1 Business Overview

2.9.1.1 Hisun Biomaterials Description

2.9.1.2 Hisun Biomaterials Headquarter, Main Business and Finance Overview

2.9.2 Hisun Biomaterials Polylactic Acid (PLA) Product Introduction

2.9.2.1 Polylactic Acid (PLA) Production Bases, Sales Regions and Major Competitors

- 2.9.2.2 Polylactic Acid (PLA) Product Information
- 2.9.3 Hisun Biomaterials Polylactic Acid (PLA) Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)
 - 2.9.3.1 Hisun Biomaterials Polylactic Acid (PLA) Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)
 - 2.9.3.2 Global Hisun Biomaterials Polylactic Acid (PLA) Market Share in 2017
- 2.10 Shanghai Tongjieliang
 - 2.10.1 Business Overview
 - 2.10.1.1 Shanghai Tongjieliang Description
 - 2.10.1.2 Shanghai Tongjieliang Headquarter, Main Business and Finance Overview
 - 2.10.2 Shanghai Tongjieliang Polylactic Acid (PLA) Product Introduction
 - 2.10.2.1 Polylactic Acid (PLA) Production Bases, Sales Regions and Major Competitors
 - 2.10.2.2 Polylactic Acid (PLA) Product Information
 - 2.10.3 Shanghai Tongjieliang Polylactic Acid (PLA) Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)
 - 2.10.3.1 Shanghai Tongjieliang Polylactic Acid (PLA) Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)
 - 2.10.3.2 Global Shanghai Tongjieliang Polylactic Acid (PLA) Market Share in 2017
- 2.11 Jiuding Biological Engineering
 - 2.11.1 Business Overview
 - 2.11.2 Jiuding Biological Engineering Polylactic Acid (PLA) Product Introduction
 - 2.11.3 Jiuding Biological Engineering Polylactic Acid (PLA) Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)
- 2.12 Shenzhen Esun Industrial
 - 2.12.1 Business Overview
 - 2.12.2 Shenzhen Esun Industrial Polylactic Acid (PLA) Product Introduction
 - 2.12.3 Shenzhen Esun Industrial Polylactic Acid (PLA) Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

3 GLOBAL POLYLACTIC ACID (PLA) MARKET COMPETITION, BY MANUFACTURER

- 3.1 Global Polylactic Acid (PLA) Sales and Market Share by Manufacturer (2016-2017)
- 3.2 Global Polylactic Acid (PLA) Revenue and Market Share by Manufacturer (2016-2017)
- 3.3 Global Polylactic Acid (PLA) Price by Manufacturer (2016-2017)
- 3.4 Market Concentration Rate
 - 3.4.1 Top 3 Polylactic Acid (PLA) Manufacturer Market Share in 2017

- 3.4.2 Top 5 Polylactic Acid (PLA) Manufacturer Market Share in 2017
- 3.5 Market Competition Trend

4 GLOBAL POLYLACTIC ACID (PLA) MARKET ANALYSIS BY REGIONS

- 4.1 Global Polylactic Acid (PLA) Sales, Revenue and Market Share by Regions
 - 4.1.1 Global Polylactic Acid (PLA) Sales by Regions (2013-2018)
 - 4.1.2 Global Polylactic Acid (PLA) Revenue by Regions (2013-2018)
- 4.2 North America Polylactic Acid (PLA) Sales, Revenue and Growth Rate (2013-2018)
- 4.3 Europe Polylactic Acid (PLA) Sales, Revenue and Growth Rate (2013-2018)
- 4.4 Asia-Pacific Polylactic Acid (PLA) Sales, Revenue and Growth Rate (2013-2018)
- 4.5 South America Polylactic Acid (PLA) Sales, Revenue and Growth Rate (2013-2018)
- 4.6 Middle East and Africa Polylactic Acid (PLA) Sales, Revenue and Growth Rate (2013-2018)

5 NORTH AMERICA POLYLACTIC ACID (PLA) BY COUNTRIES, TYPE, APPLICATION AND MANUFACTURERS

- 5.1 North America Polylactic Acid (PLA) Sales, Revenue and Market Share by Countries
 - 5.1.1 North America Polylactic Acid (PLA) Sales by Countries (2013-2018)
 - 5.1.2 North America Polylactic Acid (PLA) Revenue by Countries (2013-2018)
 - 5.1.3 United States Polylactic Acid (PLA) Sales and Growth Rate (2013-2018)
 - 5.1.4 Canada Polylactic Acid (PLA) Sales and Growth Rate (2013-2018)
 - 5.1.5 Mexico Polylactic Acid (PLA) Sales and Growth Rate (2013-2018)
- 5.2 North America Polylactic Acid (PLA) Sales and Revenue (Value) by Manufacturers (2016-2017)
 - 5.2.1 North America Polylactic Acid (PLA) Sales by Manufacturers (2016-2017)
 - 5.2.2 North America Polylactic Acid (PLA) Revenue by Manufacturers (2016-2017)
- 5.3 North America Polylactic Acid (PLA) Sales, Revenue and Market Share by Type (2013-2018)
 - 5.3.1 North America Polylactic Acid (PLA) Sales and Sales Share by Type (2013-2018)
 - 5.3.2 North America Polylactic Acid (PLA) Revenue and Revenue Share by Type (2013-2018)
- 5.4 North America Polylactic Acid (PLA) Sales, Revenue and Market Share by Application (2013-2018)
 - 5.4.1 North America Polylactic Acid (PLA) Sales and Sales Share by Application (2013-2018)

5.4.2 North America Polylactic Acid (PLA) Revenue and Revenue Share by Application (2013-2018)

6 EUROPE POLYLACTIC ACID (PLA) BY COUNTRIES, TYPE, APPLICATION AND MANUFACTURERS

6.1 Europe Polylactic Acid (PLA) Sales, Revenue and Market Share by Countries

6.1.1 Europe Polylactic Acid (PLA) Sales by Countries (2013-2018)

6.1.2 Europe Polylactic Acid (PLA) Revenue by Countries (2013-2018)

6.1.3 Germany Polylactic Acid (PLA) Sales and Growth Rate (2013-2018)

6.1.4 UK Polylactic Acid (PLA) Sales and Growth Rate (2013-2018)

6.1.5 France Polylactic Acid (PLA) Sales and Growth Rate (2013-2018)

6.1.6 Russia Polylactic Acid (PLA) Sales and Growth Rate (2013-2018)

6.1.7 Italy Polylactic Acid (PLA) Sales and Growth Rate (2013-2018)

6.2 Europe Polylactic Acid (PLA) Sales and Revenue (Value) by Manufacturers (2016-2017)

6.2.1 Europe Polylactic Acid (PLA) Sales by Manufacturers (2016-2017)

6.2.2 Europe Polylactic Acid (PLA) Revenue by Manufacturers (2016-2017)

6.3 Europe Polylactic Acid (PLA) Sales, Revenue and Market Share by Type (2013-2018)

6.3.1 Europe Polylactic Acid (PLA) Sales and Sales Share by Type (2013-2018)

6.3.2 Europe Polylactic Acid (PLA) Revenue and Revenue Share by Type (2013-2018)

6.4 Europe Polylactic Acid (PLA) Sales, Revenue and Market Share by Application (2013-2018)

6.4.1 Europe Polylactic Acid (PLA) Sales and Sales Share by Application (2013-2018)

6.4.2 Europe Polylactic Acid (PLA) Revenue and Revenue Share by Application (2013-2018)

7 ASIA-PACIFIC POLYLACTIC ACID (PLA) BY COUNTRIES, TYPE, APPLICATION AND MANUFACTURERS

7.1 Asia-Pacific Polylactic Acid (PLA) Sales, Revenue and Market Share by Countries

7.1.1 Asia-Pacific Polylactic Acid (PLA) Sales by Countries (2013-2018)

7.1.2 Asia-Pacific Polylactic Acid (PLA) Revenue by Countries (2013-2018)

7.1.3 China Polylactic Acid (PLA) Sales and Growth Rate (2013-2018)

7.1.4 Japan Polylactic Acid (PLA) Sales and Growth Rate (2013-2018)

7.1.5 Korea Polylactic Acid (PLA) Sales and Growth Rate (2013-2018)

7.1.6 India Polylactic Acid (PLA) Sales and Growth Rate (2013-2018)

7.1.7 Southeast Asia Polylactic Acid (PLA) Sales and Growth Rate (2013-2018)

7.2 Asia-Pacific Polylactic Acid (PLA) Sales and Revenue (Value) by Manufacturers (2016-2017)

7.2.1 Asia-Pacific Polylactic Acid (PLA) Sales by Manufacturers (2016-2017)

7.2.2 Asia-Pacific Polylactic Acid (PLA) Revenue by Manufacturers (2016-2017)

7.3 Asia-Pacific Polylactic Acid (PLA) Sales, Revenue and Market Share by Type (2013-2018)

7.3.1 Asia-Pacific Polylactic Acid (PLA) Sales and Sales Share by Type (2013-2018)

7.3.2 Asia-Pacific Polylactic Acid (PLA) Revenue and Revenue Share by Type (2013-2018)

7.4 Asia-Pacific Polylactic Acid (PLA) Sales, Revenue and Market Share by Application (2013-2018)

7.4.1 Asia-Pacific Polylactic Acid (PLA) Sales and Sales Share by Application (2013-2018)

7.4.2 Asia-Pacific Polylactic Acid (PLA) Revenue and Revenue Share by Application (2013-2018)

8 SOUTH AMERICA POLYLACTIC ACID (PLA) BY COUNTRIES, TYPE, APPLICATION AND MANUFACTURERS

8.1 South America Polylactic Acid (PLA) Sales, Revenue and Market Share by Countries

8.1.1 South America Polylactic Acid (PLA) Sales by Countries (2013-2018)

8.1.2 South America Polylactic Acid (PLA) Revenue by Countries (2013-2018)

8.1.3 Brazil Polylactic Acid (PLA) Sales and Growth Rate (2013-2018)

8.1.4 Argentina Polylactic Acid (PLA) Sales and Growth Rate (2013-2018)

8.1.5 Colombia Polylactic Acid (PLA) Sales and Growth Rate (2013-2018)

8.2 South America Polylactic Acid (PLA) Sales and Revenue (Value) by Manufacturers (2016-2017)

8.2.1 South America Polylactic Acid (PLA) Sales by Manufacturers (2016-2017)

8.2.2 South America Polylactic Acid (PLA) Revenue by Manufacturers (2016-2017)

8.3 South America Polylactic Acid (PLA) Sales, Revenue and Market Share by Type (2013-2018)

8.3.1 South America Polylactic Acid (PLA) Sales and Sales Share by Type (2013-2018)

8.3.2 South America Polylactic Acid (PLA) Revenue and Revenue Share by Type (2013-2018)

8.4 South America Polylactic Acid (PLA) Sales, Revenue and Market Share by Application (2013-2018)

8.4.1 South America Polylactic Acid (PLA) Sales and Sales Share by Application

(2013-2018)

8.4.2 South America Polylactic Acid (PLA) Revenue and Revenue Share by Application (2013-2018)

9 MIDDLE EAST AND AFRICA POLYLACTIC ACID (PLA) BY COUNTRIES, TYPE, APPLICATION AND MANUFACTURERS

9.1 Middle East and Africa Polylactic Acid (PLA) Sales, Revenue and Market Share by Countries

9.1.1 Middle East and Africa Polylactic Acid (PLA) Sales by Countries (2013-2018)

9.1.2 Middle East and Africa Polylactic Acid (PLA) Revenue by Countries (2013-2018)

9.1.3 Saudi Arabia Polylactic Acid (PLA) Sales and Growth Rate (2013-2018)

9.1.4 UAE Polylactic Acid (PLA) Sales and Growth Rate (2013-2018)

9.1.5 Egypt Polylactic Acid (PLA) Sales and Growth Rate (2013-2018)

9.1.6 Nigeria Polylactic Acid (PLA) Sales and Growth Rate (2013-2018)

9.1.7 South Africa Polylactic Acid (PLA) Sales and Growth Rate (2013-2018)

9.2 Middle East and Africa Polylactic Acid (PLA) Sales and Revenue (Value) by Manufacturers (2016-2017)

9.2.1 Middle East and Africa Polylactic Acid (PLA) Sales by Manufacturers (2016-2017)

9.2.2 Middle East and Africa Polylactic Acid (PLA) Revenue by Manufacturers (2016-2017)

9.3 Middle East and Africa Polylactic Acid (PLA) Sales, Revenue and Market Share by Type (2013-2018)

9.3.1 Middle East and Africa Polylactic Acid (PLA) Sales and Sales Share by Type (2013-2018)

9.3.1 Middle East and Africa Polylactic Acid (PLA) Revenue and Revenue Share by Type (2013-2018)

9.4 Middle East and Africa Polylactic Acid (PLA) Sales, Revenue and Market Share by Application (2013-2018)

9.4.1 Middle East and Africa Polylactic Acid (PLA) Sales and Sales Share by Application (2013-2018)

9.4.2 Middle East and Africa Polylactic Acid (PLA) Revenue and Revenue Share by Application (2013-2018)

10 GLOBAL POLYLACTIC ACID (PLA) MARKET SEGMENT BY TYPE

10.1 Global Polylactic Acid (PLA) Sales, Revenue and Market Share by Type (2013-2018)

- 10.1.1 Global Polylactic Acid (PLA) Sales and Market Share by Type (2013-2018)
- 10.1.2 Global Polylactic Acid (PLA) Revenue and Market Share by Type (2013-2018)
- 10.2 Poly(L-lactic)acid Sales Growth and Price
 - 10.2.1 Global Poly(L-lactic)acid Sales Growth (2013-2018)
 - 10.2.2 Global Poly(L-lactic)acid Price (2013-2018)
- 10.3 Poly(D-lactic)acid Sales Growth and Price
 - 10.3.1 Global Poly(D-lactic)acid Sales Growth (2013-2018)
 - 10.3.2 Global Poly(D-lactic)acid Price (2013-2018)
- 10.4 Poly(DL-lactic)acid Sales Growth and Price
 - 10.4.1 Global Poly(DL-lactic)acid Sales Growth (2013-2018)
 - 10.4.2 Global Poly(DL-lactic)acid Price (2013-2018)

11 GLOBAL POLYLACTIC ACID (PLA) MARKET SEGMENT BY APPLICATION

- 11.1 Global Polylactic Acid (PLA) Sales Market Share by Application (2013-2018)
- 11.2 Food & Beverage Packaging Sales Growth (2013-2018)
- 11.3 Serviceware Sales Growth (2013-2018)
- 11.4 Electronics & Appliances Sales Growth (2013-2018)
- 11.5 Medical & Hygiene Sales Growth (2013-2018)
- 11.6 Other Sales Growth (2013-2018)

12 POLYLACTIC ACID (PLA) MARKET FORECAST (2018-2023)

- 12.1 Global Polylactic Acid (PLA) Sales, Revenue and Growth Rate (2018-2023)
- 12.2 Polylactic Acid (PLA) Market Forecast by Regions (2018-2023)
 - 12.2.1 North America Polylactic Acid (PLA) Market Forecast (2018-2023)
 - 12.2.2 Europe Polylactic Acid (PLA) Market Forecast (2018-2023)
 - 12.2.3 Asia-Pacific Polylactic Acid (PLA) Market Forecast (2018-2023)
 - 12.2.4 South America Polylactic Acid (PLA) Market Forecast (2018-2023)
 - 12.2.5 Middle East and Africa Polylactic Acid (PLA) Market Forecast (2018-2023)
- 12.3 Polylactic Acid (PLA) Market Forecast by Type (2018-2023)
 - 12.3.1 Global Polylactic Acid (PLA) Sales Forecast by Type (2018-2023)
 - 12.3.2 Global Polylactic Acid (PLA) Market Share Forecast by Type (2018-2023)
- 12.4 Polylactic Acid (PLA) Market Forecast by Application (2018-2023)
 - 12.4.1 Global Polylactic Acid (PLA) Sales Forecast by Application (2018-2023)
 - 12.4.2 Global Polylactic Acid (PLA) Market Share Forecast by Application (2018-2023)

13 SALES CHANNEL, DISTRIBUTORS, TRADERS AND DEALERS

13.1 Sales Channel

13.1.1 Direct Marketing

13.1.2 Indirect Marketing

13.1.3 Marketing Channel Future Trend

13.2 Distributors, Traders and Dealers

14 RESEARCH FINDINGS AND CONCLUSION

15 APPENDIX

15.1 Methodology

15.2 Data Source

List Of Tables

LIST OF TABLES AND FIGURES

Figure Polylactic Acid (PLA) Picture

Table Product Specifications of Polylactic Acid (PLA)

Figure Global Polylactic Acid (PLA) CAGR (%), Y-o-Y Growth (&) and Market Size, 2013-2023 (USD Million)

Figure Global Polylactic Acid (PLA) CAGR (%), Y-o-Y Growth (&) and Market Size, 2013-2023 (Sales)

Figure Global Sales Market Share of Polylactic Acid (PLA) by Types in 2017

Figure Poly(L-lactic)acid Picture

Table Major Manufacturers of Poly(L-lactic)acid

Figure Poly(D-lactic)acid Picture

Table Major Manufacturers of Poly(D-lactic)acid

Figure Poly(DL-lactic)acid Picture

Table Major Manufacturers of Poly(DL-lactic)acid

Figure Polylactic Acid (PLA) Sales Market Share by Applications in 2017

Figure Food & Beverage Packaging Picture

Figure Serviceware Picture

Figure Electronics & Appliances Picture

Figure Medical & Hygiene Picture

Figure Other Picture

Figure United States Polylactic Acid (PLA) Revenue (Value) and Growth Rate (2013-2023)

Figure Canada Polylactic Acid (PLA) Revenue (Value) and Growth Rate (2013-2023)

Figure Mexico Polylactic Acid (PLA) Revenue (Value) and Growth Rate (2013-2023)

Figure Germany Polylactic Acid (PLA) Revenue (Value) and Growth Rate (2013-2023)

Figure France Polylactic Acid (PLA) Revenue (Value) and Growth Rate (2013-2023)

Figure UK Polylactic Acid (PLA) Revenue (Value) and Growth Rate (2013-2023)

Figure Russia Polylactic Acid (PLA) Revenue (Value) and Growth Rate (2013-2023)

Figure Italy Polylactic Acid (PLA) Revenue (Value) and Growth Rate (2013-2023)

Figure China Polylactic Acid (PLA) Revenue (Value) and Growth Rate (2013-2023)

Figure Japan Polylactic Acid (PLA) Revenue (Value) and Growth Rate (2013-2023)

Figure Korea Polylactic Acid (PLA) Revenue (Value) and Growth Rate (2013-2023)

Figure India Polylactic Acid (PLA) Revenue (Value) and Growth Rate (2013-2023)

Figure Southeast Asia Polylactic Acid (PLA) Revenue (Value) and Growth Rate (2013-2023)

Figure Brazil Polylactic Acid (PLA) Revenue (Value) and Growth Rate (2013-2023)

Figure Egypt Polylactic Acid (PLA) Revenue (Value) and Growth Rate (2013-2023)

Figure Saudi Arabia Polylactic Acid (PLA) Revenue (Value) and Growth Rate (2013-2023)

Figure South Africa Polylactic Acid (PLA) Revenue (Value) and Growth Rate (2013-2023)

Figure Nigeria Polylactic Acid (PLA) Revenue (Value) and Growth Rate (2013-2023)

Table NatureWorks Headquarter, Established, Main Business and Finance Overview (2017)

Table NatureWorks Polylactic Acid (PLA) Production Bases, Sales Regions and Major Competitors

Table NatureWorks Polylactic Acid (PLA) Product

Table NatureWorks Polylactic Acid (PLA) Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

Figure Global NatureWorks Polylactic Acid (PLA) Sales Market Share in 2017

Figure Global NatureWorks Polylactic Acid (PLA) Revenue Market Share in 2017

Table Synbra Technology Headquarter, Established, Main Business and Finance Overview (2017)

Table Synbra Technology Polylactic Acid (PLA) Production Bases, Sales Regions and Major Competitors

Table Synbra Technology Polylactic Acid (PLA) Product

Table Synbra Technology Polylactic Acid (PLA) Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

Figure Global Synbra Technology Polylactic Acid (PLA) Sales Market Share in 2017

Figure Global Synbra Technology Polylactic Acid (PLA) Revenue Market Share in 2017

Table Teijin Headquarter, Established, Main Business and Finance Overview (2017)

Table Teijin Polylactic Acid (PLA) Production Bases, Sales Regions and Major Competitors

Table Teijin Polylactic Acid (PLA) Product

Table Teijin Polylactic Acid (PLA) Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

Figure Global Teijin Polylactic Acid (PLA) Sales Market Share in 2017

Figure Global Teijin Polylactic Acid (PLA) Revenue Market Share in 2017

Table Toray Headquarter, Established, Main Business and Finance Overview (2017)

Table Toray Polylactic Acid (PLA) Production Bases, Sales Regions and Major Competitors

Table Toray Polylactic Acid (PLA) Product

Table Toray Polylactic Acid (PLA) Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

Figure Global Toray Polylactic Acid (PLA) Sales Market Share in 2017

Figure Global Toray Polylactic Acid (PLA) Revenue Market Share in 2017

Table Futerro Headquarter, Established, Main Business and Finance Overview (2017)

Table Futerro Polylactic Acid (PLA) Production Bases, Sales Regions and Major Competitors

Table Futerro Polylactic Acid (PLA) Product

Table Futerro Polylactic Acid (PLA) Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

Figure Global Futerro Polylactic Acid (PLA) Sales Market Share in 2017

Figure Global Futerro Polylactic Acid (PLA) Revenue Market Share in 2017

Table Toyobo Headquarter, Established, Main Business and Finance Overview (2017)

Table Toyobo Polylactic Acid (PLA) Production Bases, Sales Regions and Major Competitors

Table Toyobo Polylactic Acid (PLA) Product

Table Toyobo Polylactic Acid (PLA) Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

Figure Global Toyobo Polylactic Acid (PLA) Sales Market Share in 2017

Figure Global Toyobo Polylactic Acid (PLA) Revenue Market Share in 2017

Table Sulzer Headquarter, Established, Main Business and Finance Overview (2017)

Table Sulzer Polylactic Acid (PLA) Production Bases, Sales Regions and Major Competitors

Table Sulzer Polylactic Acid (PLA) Product

Table Sulzer Polylactic Acid (PLA) Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

Figure Global Sulzer Polylactic Acid (PLA) Sales Market Share in 2017

Figure Global Sulzer Polylactic Acid (PLA) Revenue Market Share in 2017

Table Uhde Inventa-Fischer Headquarter, Established, Main Business and Finance Overview (2017)

Table Uhde Inventa-Fischer Polylactic Acid (PLA) Production Bases, Sales Regions and Major Competitors

Table Uhde Inventa-Fischer Polylactic Acid (PLA) Product

Table Uhde Inventa-Fischer Polylactic Acid (PLA) Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

Figure Global Uhde Inventa-Fischer Polylactic Acid (PLA) Sales Market Share in 2017

Figure Global Uhde Inventa-Fischer Polylactic Acid (PLA) Revenue Market Share in 2017

Table Hisun Biomaterials Headquarter, Established, Main Business and Finance Overview (2017)

Table Hisun Biomaterials Polylactic Acid (PLA) Production Bases, Sales Regions and Major Competitors

Table Hisun Biomaterials Polylactic Acid (PLA) Product

Table Hisun Biomaterials Polylactic Acid (PLA) Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

Figure Global Hisun Biomaterials Polylactic Acid (PLA) Sales Market Share in 2017

Figure Global Hisun Biomaterials Polylactic Acid (PLA) Revenue Market Share in 2017

Table Shanghai Tongjieliang Headquarter, Established, Main Business and Finance Overview (2017)

Table Shanghai Tongjieliang Polylactic Acid (PLA) Production Bases, Sales Regions and Major Competitors

Table Shanghai Tongjieliang Polylactic Acid (PLA) Product

Table Shanghai Tongjieliang Polylactic Acid (PLA) Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

Figure Global Shanghai Tongjieliang Polylactic Acid (PLA) Sales Market Share in 2017

Figure Global Shanghai Tongjieliang Polylactic Acid (PLA) Revenue Market Share in 2017

Table Jiuding Biological Engineering

Table Jiuding Biological Engineering Polylactic Acid (PLA)

Table Shenzhen Esun Industrial

Table Shenzhen Esun Industrial Polylactic Acid (PLA)

Table Global Polylactic Acid (PLA) Sales by Manufacturer (2016-2017)

Figure Global Polylactic Acid (PLA) Sales Market Share by Manufacturer in 2016

Figure Global Polylactic Acid (PLA) Sales Market Share by Manufacturer in 2017

Table Global Polylactic Acid (PLA) Revenue by Manufacturer (2016-2017)

Figure Global Polylactic Acid (PLA) Revenue Market Share by Manufacturer in 2016

Figure Global Polylactic Acid (PLA) Revenue Market Share by Manufacturer in 2017

Table Global Polylactic Acid (PLA) Price by Manufacturer (2016-2017)

Figure Top 3 Polylactic Acid (PLA) Manufacturer (Revenue) Market Share in 2017

Figure Top 6 Polylactic Acid (PLA) Manufacturer (Revenue) Market Share in 2017

Figure Global Polylactic Acid (PLA) Sales and Growth Rate (2013-2018)

Figure Global Polylactic Acid (PLA) Revenue and Growth Rate (2013-2018)

Table Global Polylactic Acid (PLA) Sales by Regions (2013-2018)

Table Global Polylactic Acid (PLA) Sales Market Share by Regions (2013-2018)

Table Global Polylactic Acid (PLA) Revenue by Regions (2013-2018)

Figure Global Polylactic Acid (PLA) Revenue Market Share by Regions in 2013

Figure Global Polylactic Acid (PLA) Revenue Market Share by Regions in 2017

Figure North America Polylactic Acid (PLA) Sales and Growth Rate (2013-2018)

Figure North America Polylactic Acid (PLA) Revenue and Growth Rate (2013-2018)

Figure Europe Polylactic Acid (PLA) Sales and Growth Rate (2013-2018)

Figure Europe Polylactic Acid (PLA) Revenue and Growth Rate (2013-2018)

Figure Asia-Pacific Polylactic Acid (PLA) Sales and Growth Rate (2013-2018)
Figure Asia-Pacific Polylactic Acid (PLA) Revenue and Growth Rate (2013-2018)
Figure South America Polylactic Acid (PLA) Sales and Growth Rate (2013-2018)
Figure South America Polylactic Acid (PLA) Revenue and Growth Rate (2013-2018)
Figure Middle East and Africa Polylactic Acid (PLA) Sales and Growth Rate (2013-2018)
Figure Middle East and Africa Polylactic Acid (PLA) Revenue and Growth Rate (2013-2018)
Figure North America Polylactic Acid (PLA) Revenue and Growth Rate (2013-2018)
Table North America Polylactic Acid (PLA) Sales by Countries (2013-2018)
Table North America Polylactic Acid (PLA) Sales Market Share by Countries (2013-2018)
Figure North America Polylactic Acid (PLA) Sales Market Share by Countries in 2013
Figure North America Polylactic Acid (PLA) Sales Market Share by Countries in 2017
Table North America Polylactic Acid (PLA) Revenue by Countries (2013-2018)
Table North America Polylactic Acid (PLA) Revenue Market Share by Countries (2013-2018)
Figure North America Polylactic Acid (PLA) Revenue Market Share by Countries in 2013
Figure North America Polylactic Acid (PLA) Revenue Market Share by Countries in 2017
Figure United States Polylactic Acid (PLA) Sales and Growth Rate (2013-2018)
Figure Canada Polylactic Acid (PLA) Sales and Growth Rate (2013-2018)
Figure Mexico Polylactic Acid (PLA) Sales and Growth Rate (2013-2018)
Table North America Polylactic Acid (PLA) Sales by Manufacturer (2016-2017)
Figure North America Polylactic Acid (PLA) Sales Market Share by Manufacturer in 2016
Figure North America Polylactic Acid (PLA) Sales Market Share by Manufacturer in 2017
Table North America Polylactic Acid (PLA) Revenue by Manufacturer (2016-2017)
Figure North America Polylactic Acid (PLA) Revenue Market Share by Manufacturer in 2016
Figure North America Polylactic Acid (PLA) Revenue Market Share by Manufacturer in 2017
Table North America Polylactic Acid (PLA) Sales by Type (2013-2018)
Table North America Polylactic Acid (PLA) Sales Share by Type (2013-2018)
Table North America Polylactic Acid (PLA) Revenue by Type (2013-2018)
Table North America Polylactic Acid (PLA) Revenue Share by Type (2013-2018)
Table North America Polylactic Acid (PLA) Sales by Application (2013-2018)

Table North America Polylactic Acid (PLA) Sales Share by Application (2013-2018)
Table North America Polylactic Acid (PLA) Revenue by Application (2013-2018)
Table North America Polylactic Acid (PLA) Revenue Share by Application (2013-2018)
Figure Europe Polylactic Acid (PLA) Revenue and Growth Rate (2013-2018)
Table Europe Polylactic Acid (PLA) Sales by Countries (2013-2018)
Table Europe Polylactic Acid (PLA) Sales Market Share by Countries (2013-2018)
Table Europe Polylactic Acid (PLA) Revenue by Countries (2013-2018)
Figure Europe Polylactic Acid (PLA) Revenue Market Share by Countries in 2016
Figure Europe Polylactic Acid (PLA) Revenue Market Share by Countries in 2017
Figure Germany Polylactic Acid (PLA) Sales and Growth Rate (2013-2018)
Figure UK Polylactic Acid (PLA) Sales and Growth Rate (2013-2018)
Figure France Polylactic Acid (PLA) Sales and Growth Rate (2013-2018)
Figure Russia Polylactic Acid (PLA) Sales and Growth Rate (2013-2018)
Figure Italy Polylactic Acid (PLA) Sales and Growth Rate (2013-2018)
Table Europe Polylactic Acid (PLA) Sales by Manufacturer (2016-2017)
Figure Europe Polylactic Acid (PLA) Sales Market Share by Manufacturer in 2016
Figure Europe Polylactic Acid (PLA) Sales Market Share by Manufacturer in 2017
Table Europe Polylactic Acid (PLA) Revenue by Manufacturer (2016-2017)
Figure Europe Polylactic Acid (PLA) Revenue Market Share by Manufacturer in 2016
Figure Europe Polylactic Acid (PLA) Revenue Market Share by Manufacturer in 2017
Table Europe Polylactic Acid (PLA) Sales by Type (2013-2018)
Table Europe Polylactic Acid (PLA) Sales Share by Type (2013-2018)
Table Europe Polylactic Acid (PLA) Revenue by Type (2013-2018)
Table Europe Polylactic Acid (PLA) Revenue Share by Type (2013-2018)
Table Europe Polylactic Acid (PLA) Sales by Application (2013-2018)
Table Europe Polylactic Acid (PLA) Sales Share by Application (2013-2018)
Table Europe Polylactic Acid (PLA) Revenue by Application (2013-2018)
Table Europe Polylactic Acid (PLA) Revenue Share by Application (2013-2018)
Figure Asia-Pacific Polylactic Acid (PLA) Revenue and Growth Rate (2013-2018)
Table Asia-Pacific Polylactic Acid (PLA) Sales by Countries (2013-2018)
Table Asia-Pacific Polylactic Acid (PLA) Sales Market Share by Countries (2013-2018)
Figure Asia-Pacific Polylactic Acid (PLA) Sales Market Share by Countries 2017
Table Asia-Pacific Polylactic Acid (PLA) Revenue by Countries (2013-2018)
Figure Asia-Pacific Polylactic Acid (PLA) Revenue Market Share by Countries 2017
Figure China Polylactic Acid (PLA) Sales and Growth Rate (2013-2018)
Figure Japan Polylactic Acid (PLA) Sales and Growth Rate (2013-2018)
Figure Korea Polylactic Acid (PLA) Sales and Growth Rate (2013-2018)
Figure India Polylactic Acid (PLA) Sales and Growth Rate (2013-2018)
Figure Southeast Asia Polylactic Acid (PLA) Sales and Growth Rate (2013-2018)

Table Asia-Pacific Polylactic Acid (PLA) Sales by Manufacturer (2016-2017)
Figure Asia-Pacific Polylactic Acid (PLA) Sales Market Share by Manufacturer in 2016
Figure Asia-Pacific Polylactic Acid (PLA) Sales Market Share by Manufacturer in 2017
Table Asia-Pacific Polylactic Acid (PLA) Revenue by Manufacturer (2016-2017)
Figure Asia-Pacific Polylactic Acid (PLA) Revenue Market Share by Manufacturer in 2016
Figure Asia-Pacific Polylactic Acid (PLA) Revenue Market Share by Manufacturer in 2017
Table Asia-Pacific Polylactic Acid (PLA) Sales by Type (2013-2018)
Table Asia-Pacific Polylactic Acid (PLA) Sales Share by Type (2013-2018)
Table Asia-Pacific Polylactic Acid (PLA) Revenue by Type (2013-2018)
Table Asia-Pacific Polylactic Acid (PLA) Revenue Share by Type (2013-2018)
Table Asia-Pacific Polylactic Acid (PLA) Sales by Application (2013-2018)
Table Asia-Pacific Polylactic Acid (PLA) Sales Share by Application (2013-2018)
Table Asia-Pacific Polylactic Acid (PLA) Revenue by Application (2013-2018)
Table Asia-Pacific Polylactic Acid (PLA) Revenue Share by Application (2013-2018)
Figure South America Polylactic Acid (PLA) Revenue and Growth Rate (2013-2018)
Table South America Polylactic Acid (PLA) Sales by Countries (2013-2018)
Table South America Polylactic Acid (PLA) Sales Market Share by Countries (2013-2018)
Figure South America Polylactic Acid (PLA) Sales Market Share by Countries in 2017
Table South America Polylactic Acid (PLA) Revenue by Countries (2013-2018)
Table South America Polylactic Acid (PLA) Revenue Market Share by Countries (2013-2018)
Figure South America Polylactic Acid (PLA) Revenue Market Share by Countries in 2017
Figure Brazil Polylactic Acid (PLA) Sales and Growth Rate (2013-2018)
Figure Argentina Polylactic Acid (PLA) Sales and Growth Rate (2013-2018)
Figure Colombia Polylactic Acid (PLA) Sales and Growth Rate (2013-2018)
Table South America Polylactic Acid (PLA) Sales by Manufacturer (2016-2017)
Figure South America Polylactic Acid (PLA) Sales Market Share by Manufacturer in 2016
Figure South America Polylactic Acid (PLA) Sales Market Share by Manufacturer in 2017
Table South America Polylactic Acid (PLA) Revenue by Manufacturer (2016-2017)
Figure South America Polylactic Acid (PLA) Revenue Market Share by Manufacturer in 2016
Figure South America Polylactic Acid (PLA) Revenue Market Share by Manufacturer in 2017

Table South America Polylactic Acid (PLA) Sales by Type (2013-2018)
Table South America Polylactic Acid (PLA) Sales Share by Type (2013-2018)
Table South America Polylactic Acid (PLA) Revenue by Type (2013-2018)
Table South America Polylactic Acid (PLA) Revenue Share by Type (2013-2018)
Table South America Polylactic Acid (PLA) Sales by Application (2013-2018)
Table South America Polylactic Acid (PLA) Sales Share by Application (2013-2018)
Table South America Polylactic Acid (PLA) Revenue by Application (2013-2018)
Table South America Polylactic Acid (PLA) Revenue Share by Application (2013-2018)
Figure Middle East and Africa Polylactic Acid (PLA) Revenue and Growth Rate (2013-2018)
Table Middle East and Africa Polylactic Acid (PLA) Sales by Countries (2013-2018)
Table Middle East and Africa Polylactic Acid (PLA) Sales Market Share by Countries (2013-2018)
Figure Middle East and Africa Polylactic Acid (PLA) Sales Market Share by Countries in 2017
Table Middle East and Africa Polylactic Acid (PLA) Revenue by Countries (2013-2018)
Table Middle East and Africa Polylactic Acid (PLA) Revenue Market Share by Countries (2013-2018)
Figure Middle East and Africa Polylactic Acid (PLA) Revenue Market Share by Countries in 2013
Figure Middle East and Africa Polylactic Acid (PLA) Revenue Market Share by Countries in 2017
Figure Saudi Arabia Polylactic Acid (PLA) Sales and Growth Rate (2013-2018)
Figure UAE Polylactic Acid (PLA) Sales and Growth Rate (2013-2018)
Figure Egypt Polylactic Acid (PLA) Sales and Growth Rate (2013-2018)
Figure Nigeria Polylactic Acid (PLA) Sales and Growth Rate (2013-2018)
Figure South Africa Polylactic Acid (PLA) Sales and Growth Rate (2013-2018)
Table Middle East and Africa Polylactic Acid (PLA) Sales by Manufacturer (2016-2017)
Figure Middle East and Africa Polylactic Acid (PLA) Sales Market Share by Manufacturer in 2016
Figure Middle East and Africa Polylactic Acid (PLA) Sales Market Share by Manufacturer in 2017
Table Middle East and Africa Polylactic Acid (PLA) Revenue by Manufacturer (2016-2017)
Figure Middle East and Africa Polylactic Acid (PLA) Revenue Market Share by Manufacturer in 2016
Figure Middle East and Africa Polylactic Acid (PLA) Revenue Market Share by Manufacturer in 2017
Table Middle East and Africa Polylactic Acid (PLA) Sales by Type (2013-2018)

Table Middle East and Africa Polylactic Acid (PLA) Sales Share by Type (2013-2018)
Table Middle East and Africa Polylactic Acid (PLA) Revenue by Type (2013-2018)
Table Middle East and Africa Polylactic Acid (PLA) Revenue Share by Type (2013-2018)
Table Middle East and Africa Polylactic Acid (PLA) Sales by Application (2013-2018)
Table Middle East and Africa Polylactic Acid (PLA) Sales Share by Application (2013-2018)
Table Middle East and Africa Polylactic Acid (PLA) Revenue by Application (2013-2018)
Table Middle East and Africa Polylactic Acid (PLA) Revenue Share by Application (2013-2018)
Table Global Polylactic Acid (PLA) Sales by Type (2013-2018)
Table Global Polylactic Acid (PLA) Sales Share by Type (2013-2018)
Table Global Polylactic Acid (PLA) Revenue by Type (2013-2018)
Table Global Polylactic Acid (PLA) Revenue Share by Type (2013-2018)
Figure Global Poly(L-lactic)acid Sales Growth (2013-2018)
Figure Global Poly(L-lactic)acid Price (2013-2018)
Figure Global Poly(D-lactic)acid Sales Growth (2013-2018)
Figure Global Poly(D-lactic)acid Price (2013-2018)
Figure Global Poly(DL-lactic)acid Sales Growth (2013-2018)
Figure Global Poly(DL-lactic)acid Price (2013-2018)
Table Global Polylactic Acid (PLA) Sales by Application (2013-2018)
Table Global Polylactic Acid (PLA) Sales Share by Application (2013-2018)
Figure Global Food & Beverage Packaging Sales Growth (2013-2018)
Figure Global Serviceware Sales Growth (2013-2018)
Figure Global Electronics & Appliances Sales Growth (2013-2018)
Figure Global Medical & Hygiene Sales Growth (2013-2018)
Figure Global Other Sales Growth (2013-2018)
Figure Global Polylactic Acid (PLA) Sales, Revenue and Growth Rate (2018-2023)
Table Global Polylactic Acid (PLA) Sales Forecast by Regions (2018-2023)
Table Global Polylactic Acid (PLA) Market Share Forecast by Regions (2018-2023)
Figure North America Sales Polylactic Acid (PLA) Market Forecast (2018-2023)
Figure Europe Sales Polylactic Acid (PLA) Market Forecast (2018-2023)
Figure Asia-Pacific Sales Polylactic Acid (PLA) Market Forecast (2018-2023)
Figure South America Sales Polylactic Acid (PLA) Market Forecast (2018-2023)
Figure Middle East and Africa Sales Polylactic Acid (PLA) Market Forecast (2018-2023)
Table Global Polylactic Acid (PLA) Sales Forecast by Type (2018-2023)
Table Global Polylactic Acid (PLA) Market Share Forecast by Type (2018-2023)
Table Global Polylactic Acid (PLA) Sales Forecast by Application (2018-2023)
Table Global Polylactic Acid (PLA) Market Share Forecast by Application (2018-2023)

Table Distributors/Traders/ Dealers List

I would like to order

Product name: Global (North America, Europe, Asia-Pacific, South America, Middle East and Africa)
Polylactic Acid (PLA) Market 2018, Forecast to 2023

Product link: <https://marketpublishers.com/r/G5221287203EN.html>

Price: US\$ 4,880.00 (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/G5221287203EN.html>

To pay by Wire Transfer, please, fill in your contact details in the form below:

First name:
Last name:
Email:
Company:
Address:
City:
Zip code:
Country:
Tel:
Fax:
Your message:

****All fields are required**

Customer signature _____

Please, note that by ordering from marketpublishers.com you are agreeing to our Terms & Conditions at <https://marketpublishers.com/docs/terms.html>

To place an order via fax simply print this form, fill in the information below and fax the completed form to +44 20 7900 3970

