

Polylactic Acid Market: Trends, Opportunities and Competitive Analysis

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Abstracts

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Polylactic Acid Market Trends and Forecast

The future of the polylactic acid market looks promising with opportunities in the packaging, bio-medical, textile, agriculture, and electronics industries. The global polylactic acid market is expected to reach an estimated \$5.6 billion by 2027 with a CAGR of 18% from 2021 to 2027. The major drivers for this market are increasing government regulation and environment friendly and better mechanical properties as compared to other biopolymers.

Emerging Trends in the Polylactic Acid Market

Emerging trends, which have a direct impact on the dynamics of the industry, include development of high heat resistant polylactic acid and production of PLA from second generation feedstock.

A total of 107 figures / charts and 68 tables are provided in this 242-page report to help in your business decisions. A sample figure with insights is shown below. To learn the scope of benefits, companies researched, and other details of the polylactic acid market report, please download the report brochure.

Polylactic Acid Market by Segment

The study includes a forecast for the global polylactic acid market by product type, end

use, raw material, product form, and region as follows:

Polylactic Acid Market by Product Type [Volume (M lbs) and \$M shipment analysis for 2016 – 2027]:

Poly(L-lactic) Acid

Poly(D-lactic) Acid

Poly(DL-lactic) Acid

Polylactic Acid Market by End Use [Volume (M lbs) and \$M shipment analysis for 2016 – 2027]:

Packaging

Bio-medical

Textile

Agriculture

Electronics

Others

Polylactic Acid Market by Raw Material [Volume (M lbs) and \$M shipment analysis for 2016 – 2027]:

Corn Starch

Sugarcane & Sugar Beet

Cassava

Others

Polylactic Acid Market by Product Form [Volume (M lbs) and \$M shipment analysis for 2016 – 2027]:

Film & Sheets

Fiber

Thermoforming

Coating

Others

Polylactic Acid Market by Region [Value (\$M) shipment analysis for 2016 – 2027]:

North America

US

Canada

Mexico

Europe

Germany

The United Kingdom

France

Russia

Asia Pacific

China

Japan

India

South Korea

The Rest of the World

Brazil

Argentina

List of Polylactic Acid Companies

Companies in the market compete on the basis of product quality offered. Major players in this market focus on expanding their manufacturing facilities, R&D investments, infrastructural development, and leverage integration opportunities across the value chain. With these strategies polylactic acid companies cater increasing demand, ensure competitive effectiveness, develop innovative products & technologies, reduce production costs, and expand their customer base. Some of the polylactic acid companies profiled in this report includes.

Natureworks

Total Corbion

Pyramid Bioplastics

Weforyou

Zhejiang Hisun Group

Jiangsu SUPLA Bioplastic Co. Ltd.

Synbra Technology bv

Sulzer

Toray Industries Inc.

Futero

Polylactic Acid Market Insight

Lucintel forecasts that packaging will remain the largest end use industry during the forecast period due to its biodegradable properties and favorable government policies.

L-Lactic polylactic acid will remain the largest segment and it is expected to witness the highest growth over the forecast period due to its increasing usage in packaging, biomedical, textile, and agriculture industry.

Europe is expected to remain the largest market and will witness the highest growth over the forecast period supported by stringent government regulations, biodegradable, and mechanical properties.

Features of Polylactic Acid Market

Market Size Estimates: Polylactic acid market size estimation in terms of value (\$M) and volume (M lbs)

Trend and Forecast Analysis: Market trends (2016-2021) and forecast (2022-2027) by various segments and regions.

Segmentation Analysis: Market size by product type, end use, raw material, product form,

Regional Analysis: Polylactic acid market breakdown by North America, Europe, Asia Pacific, and the Rest of the World.

Growth Opportunities: Analysis of growth opportunities in different product type, end use, raw material, product form, and region for the polylactic acid market.

Strategic Analysis: This includes M&A, new product development, and competitive landscape for the polylactic acid market.

Analysis of competitive intensity of the industry based on Porter's Five Forces model.

FAQ

Q1. What is the polylactic acid market size?

Answer: The global polylactic acid market is expected to reach an estimated \$5.6 billion by 2027

Q2. What is the growth forecast for polylactic acid market?

Answer: The polylactic acid market is expected to grow at a CAGR of 18% from 2021 to 2027.

Q3. What are the major drivers influencing the growth of the polylactic acid market?

Answer: The major drivers for this market are increasing government regulation, environment friendly and better mechanical properties as compared to other biopolymers.

Q4. What are the major applications or end use industries for facial cleanser?

Answer: Packaging and bio-medical use are the major end use industries for polylactic acid market.

Q5. What are the emerging trends in polylactic acid market?

Answer: Emerging trends, which have a direct impact on the dynamics of the industry, include development of high heat resistant polylactic acid and production of PLA from second generation feedstock.

Q6. Who are the key polylactic acid companies?

Answer: Some of the key polylactic acid companies are as follows:

Natureworks LLC

Total Corbion

Pyramid Bioplastics

Weforyou

Zhejiang Hisun Group

Jiangsu SUPLA Bioplastic Co. Ltd.

Synbra Technology bv

Sulzer

Toray Industries Inc.

Futerro

Q7.Which polylactic acid product segment will be the largest in future?

Answer: Lucintel forecasts that the L-lactic product type is expected to remain the largest market and will witness highest growth during the forecast period due to its increasing usage in packaging, biomedical, textile, and agriculture industry.

Q8: In polylactic acid market, which region is expected to be the largest in next 5 years?

Answer: Europe is expected to remain the largest region and witness the highest growth over next 5 years

Q9. Do we receive customization in this report?

Answer: Yes, Lucintel provides 10% Customization Without any Additional Cost.

This report answers following 11 key questions

Q.1 What are some of the most promising potential, high growth opportunities for the global polylactic acid market by product type (PLLA, PDLA, and PDLLA), end use (packaging, bio-medical, textile, agriculture, electronics, and others), raw material (corn

starch, sugarcane & sugar beet, cassava, and others), product form (film & sheet, fiber, thermoforming, coating, and others), and region (North America, Europe, Asia Pacific, and the Rest of the World)?

Q. 2 Which segments will grow at a faster pace and why?

Q.3 Which regions will grow at a faster pace and why?

Q.4 What are the key factors affecting market dynamics? What are the drivers and challenges of the market?

Q.5 What are the business risks and threats to the market?

Q.6 What are the emerging trends in this market and the reasons behind them?

Q.7 What are the changing demands of customers in the market?

Q.8 What are the new developments in the market? Which companies are leading these developments?

Q.9 Who are the major players in this market? What strategic initiatives are being implemented by key players for business growth?

Q.10 What are some of the competitive products and processes in this area and how big of a threat do they pose for loss of market share via material or product substitution?

Q.11 What M & A activities have taken place in the last 5 years in this market?

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7.7: Synbra Technology bv

7.8: Sulzer

7.9: Toray Industries Inc.

7.10: Futerro

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