

Bio-polylactic Acid (PLA) Films Market - Global Outlook and Forecast 2022-2028

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Abstracts

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

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

This report contains market size and forecasts of Bio-polylactic Acid (PLA) Films in global, including the following market information:

Global Bio-polylactic Acid (PLA) Films Market Revenue, 2017-2022, 2023-2028, (\$ millions)

Global Bio-polylactic Acid (PLA) Films Market Sales, 2017-2022, 2023-2028, (K MT)

Global top five Bio-polylactic Acid (PLA) Films companies in 2021 (%)

The global Bio-polylactic Acid (PLA) Films market was valued at 497.4 million in 2021 and is projected to reach US\$ 844.1 million by 2028, at a CAGR of 7.8% during the forecast period.

The U.S. Market is Estimated at \$ Million in 2021, While China is Forecast to Reach \$ Million by 2028.

Sol-Gel Segment to Reach \$ Million by 2028, with a % CAGR in next six years.

The global key manufacturers of Bio-polylactic Acid (PLA) Films include NatureWorks LLC, Futerro, Tale & Lyle, Total Corbion PLA, Hiusan Biosciences, Toray Industries, Taghleef Industries, Amcor and Toyobo and etc. In 2021, the global top five players have a share approximately % in terms of revenue.

MARKET MONITOR GLOBAL, INC (MMG) has surveyed the Bio-polylactic Acid (PLA) Films manufacturers, suppliers, distributors and industry experts on this industry, involving the sales, revenue, demand, price change, product type, recent development and plan, industry trends, drivers, challenges, obstacles, and potential risks.

Total Market by Segment:

Global Bio-polylactic Acid (PLA) Films Market, by Type, 2017-2022, 2023-2028 (\$ Millions) & (K MT)

Global Bio-polylactic Acid (PLA) Films Market Segment Percentages, by Type, 2021 (%)

Sol-Gel

Atomic Layer Deposition (ALD)

Multilayer

Global Bio-polylactic Acid (PLA) Films Market, by Application, 2017-2022, 2023-2028 (\$ Millions) & (K MT)

Global Bio-polylactic Acid (PLA) Films Market Segment Percentages, by Application,

2021 (%)

Food & Beverages

Home & Personal Care

Pharmaceuticals

Agriculture

Others

Global Bio-polylactic Acid (PLA) Films Market, By Region and Country, 2017-2022,
2023-2028 (\$ Millions) & (K MT)

Global Bio-polylactic Acid (PLA) Films Market Segment Percentages, By Region and
Country, 2021 (%)

North America

US

Canada

Mexico

Europe

Germany

France

U.K.

Italy

Russia

Nordic Countries

Benelux

Rest of Europe

Asia

China

Japan

South Korea

Southeast Asia

India

Rest of Asia

South America

Brazil

Argentina

Rest of South America

Middle East & Africa

Turkey

Israel

Saudi Arabia

UAE

Rest of Middle East & Africa

Competitor Analysis

The report also provides analysis of leading market participants including:

Key companies Bio-polylactic Acid (PLA) Films revenues in global market, 2017-2022 (Estimated), (\$ millions)

Key companies Bio-polylactic Acid (PLA) Films revenues share in global market, 2021 (%)

Key companies Bio-polylactic Acid (PLA) Films sales in global market, 2017-2022 (Estimated), (K MT)

Key companies Bio-polylactic Acid (PLA) Films sales share in global market, 2021 (%)

Further, the report presents profiles of competitors in the market, key players include:

NatureWorks LLC

Futero

Tale & Lyle

Total Corbion PLA

Hiusan Biosciences

Toray Industries

Taghleef Industries

Amcor

Toyobo

Avery Dennison Corporation

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