

***Bio-Degradable Polymers Market Volumes to Reach 1.85 million kilotons by 2028 - Market Size, Share, Forecasts, & Trends Analysis Report by Mordor Intelligence***

According to a new market research report titled “[Bio-Degradable Polymers Market Report \(2023-2028\)](#),” the market is estimated at 0.71 million kilotons in 2023. It is expected to register a CAGR of 21.10% during the forecast period.

Bio-degradable polymers consist of different functional groups such as ester, amide, etc. They are increasingly used for various applications, owing to less or no carbon footprint. Bio-degradable polymers are preferred over non-biodegradable polymers as they are less toxic, have lesser side effects, help to improve patient compliance, and maintain the stabilization of the drug.

**Report Summary:**

Report Attribute	Details
Market Size (2023)	0.71 million kilotons
Market Size (2028)	1.85 million kilotons
CAGR (2023-2028)	21.10%
Study Period	2018-2028
Forecast Units	Volume (million kilotons)
Fastest Growing Market	Asia-Pacific
Largest Market	Europe
Report Scope	Market Dynamics, Revenue Forecast and Segmentation, Competitive Landscape, and Recent Developments, Market Growth, Future Opportunities, and Trends
Key Market Drivers	Favorable government policies promoting the use of bioplastics.
	Growing usage in flexible packaging.

**Who are the Top Companies in the Bio-Degradable Polymers Market?**

The market is partly consolidated, with a mass of the market controlled by market leaders in each product segment.

The key players in the global biodegradable polymers market are:

- BASF SE
- Biome Technologies plc
- BIOTEC Biologische Naturverpackungen GmbH & Co. KG
- Cardia Bioplastics
- Danimer Scientific
- DuPont
- Eastman Chemical Company

- FKuR
- Merck KGaA
- Mitsubishi Chemical Group Corporation
- NatureWorks LLC
- Novamont SpA
- TEIJIN LIMITED
- Total Corbion PLA

**Other Reports That Might Be of Your Interest:**

- [Ferrosilicon Market Report](#) - The ferrosilicon market is expected to register a CAGR of less than 3% globally during the forecast period.
- [Hydrazine Hydrate Market Report](#) - The market for hydrazine hydrate is expected to register a CAGR of over 4% during the forecast period.

**Key Highlights from the Bio-Degradable Polymers Market Report:**

***Expanding Demand from the Packaging Industry***

- Bio-degradable polymers are employed in both flexible and rigid packaging applications. They are used for wrapping organic food, as well as for premium and branded products with particular requirements.
- As per the European Bioplastics, international production capacities of bioplastics (of which bio-degradable polymers accounted for around 40% of the market) are projected to increase from 2.2 million tons in 2022 to 6.3 million tons in 2027.

***China to Account for Major Market Growth in the APAC***

- In the Asia-Pacific region, China is the largest economy in terms of GDP. Chinese plastics manufacturers are focusing on the amplified use of corn, sugar, and other crops to develop biodegradable plastics.
- Asian consumers are taking more interest in the materials used for packaging and the impact on their health and environment. Consequently, companies are focusing on transforming biodegradable plastic packaging.

**What are the Latest Developments in the Bio-Degradable Polymers Market?**

- In April 2023, NatureWorks launched Ingeo 6500D for non-woven applications. With this, the company expanded the use of Ingeo biopolymers in hygiene applications.
- In May 2022, NatureWorks and CJ Bio signed an agreement to commercialize novel biopolymer solutions. The two companies aim to produce high-performance biopolymers with a combination of NatureWorks Ingeo biomaterials technology and CJ Bio's polyhydroxyalkanoate (PHA) to be employed in food packaging, personal care, and other applications.

***Mordor Intelligence has Segmented the Bio-Degradable Polymers Market Based on Type, End-user Industry, and Geography:***

- By Type
  - Starch-based Plastics
  - Polylactic Acid (PLA)
  - Polyhydroxy Alkanoates (PHA)
  - Polyesters (PBS, PBAT, and PCL)
  - Cellulose Derivatives
- By End-user Industry
  - Agriculture
  - Textile
  - Consumer Goods (Consumer Electronics)
  - Packaging
  - Healthcare
  - Other End-User Industries
- By Geography
  - North America
    - United States
    - Canada
    - Mexico
  - Europe
    - United Kingdom
    - Germany
    - France
    - Italy
    - Spain
    - Rest of Europe
  - Asia-Pacific
    - China
    - India
    - Japan
    - Australia
    - South Korea
    - Rest of Asia-Pacific
  - Middle East & Africa
    - GCC
    - South Africa
    - Rest of Middle East & Africa
  - South America
    - Brazil
    - Argentina
    - Rest of South America

In a nutshell, the Mordor Intelligence market research report is a must-read for start-ups, industry players, investors, researchers, consultants, business strategists, and all those who are looking to understand this industry. Get a glance at the [Bio-Degradable Polymers Market Report \(2023-2028\)](#).

***Mordor Intelligence constantly tracks industry trends. Some relevant market reports from the analysts that might be of interest to you:***

- [Zeolites Market Report](#) - The zeolites market is expected to record a CAGR of over 2.5% during the forecast period.
- [Methyl Isobutyl Ketone \(MIBK\) Market Report](#) - The methyl isobutyl ketone (MIBK) market size is expected to grow from 541.30 kilotons in 2023 to 652.89 kilotons by 2028 at a CAGR of 3.82% during the forecast period (2023-2028).
- [Adiponitrile Market Report](#) - The adiponitrile market size is expected to grow from 1.44 million tons in 2023 to 1.75 million tons by 2028 at a CAGR of 4% during the forecast period (2023-2028).

***About Mordor Intelligence:***

[Mordor Intelligence](#) is a market intelligence and advisory firm. At Mordor Intelligence, we believe in predicting butterfly effects that have the potential to change or significantly impact market dynamics.

Our market research reports are comprehensive and provide exclusive data, facts and figures, trends, and the industry's competitive landscape.