

Biodegradable Polymers: Global Markets and Technologies

Market Research Report | 2024-06-28 | 99 pages | BCC Research

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Report description:

Description

Report Scope

This report will include details about various types of biodegradable polymers and end-use industries for biodegradable polymer products. Estimated volumes are based on manufacturers' total production. Projected volume is in kilotons, unadjusted for inflation. The report includes comprehensive information regarding the biodegradable polymer industry and its end users. The global biodegradable polymers market is segmented into the following categories:

- Type (PLA, starch blends, PBAT, PHA, cellulose films and PBS).
- End-use (packaging, fibers, agriculture, medical, electrical and electronics, automotive and others).
- Region (North America, Europe, Asia-Pacific, South America and Middle East and Africa).

Report Includes

- 44 data tables and 53 additional tables
- An analysis of the global markets for biodegradable polymers
- Analyses of the global market trends, with market data in volumetric terms for 2022, estimates for 2023, forecasts for 2027 and 2028, and projected CAGRs through 2028
- Estimate of the current market size in volumetric terms, and a market share analysis based on polymer type, end use industry and region
- Facts and figures pertaining to the market drivers, opportunities and challenges, emerging technologies and trends, industry regulations, and the global supply chain
- Discussion on modes of degradation of biodegradable polymers and effect of environmental exposure conditions and polymer structure on biodegradation
- Coverage of recent developments in the industry, including R&D activity and new products
- An analysis of recent patent activity
- Overview of the sustainability trends and ESG developments, with a focus on consumer attitudes, companies' ESG score rankings

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and their ESG practices

- Analysis of the competitive landscape, including major vendors' market shares, M&A activity, and venture funding outlook
- Profiles of the leading market players, including Biome Bioplastics, Danimer Scientific, Mitsubishi Chemical Group Corp., Sulzer Ltd., and TotalEnergies Corbion

Executive Summary

Summary:

The global market volumes of biodegradable polymers is expected to grow from 1,286.0 kilotons in 2023 and is projected to reach 4,140.0 kilotons by the end of 2029, at a compound annual growth rate (CAGR) of 26.3% during the forecast period of 2023 to 2028.

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