

South & Central America Bioplastics and Biopolymers Market Forecast to 2030 – Regional Analysis – by Product Type (Polyethylene, Polyethylene Terephthalate, Polylactic Acid, Polytrimethylene Terephthalate, Polybutylene Adipate Terephthalate, Polybutylene Succinate, Cellulose, Blends, and Others) and End-Use Industry (Packaging, Consumer Goods, Automotive, Textile, Building and Construction, Medical, Agriculture, and Others)

<https://marketpublishers.com/r/SDC00F977246EN.html>

Date: January 2024

Pages: 118

Price: US\$ 3,550.00 (Single User License)

ID: SDC00F977246EN

Abstracts

The South & Central America bioplastics and biopolymers market is expected to grow from US\$ 517.77 million in 2023 to US\$ 932.03 million by 2030. It is estimated to grow at a CAGR of 8.8% from 2023 to 2030.

Increasing Focus on Innovations and Technological Advancement Fuel South & Central America Bioplastics and Biopolymers Market

The key players operating in the market are investing heavily in the research and development of bioplastics to gain more consumer traction and increase their market share. They focus on developing new, biodegradable polymer blends and creating greater bioplastic strength and flexibility. The innovations in biopolymers focus on biopolymer composition and structure. The biodegradable block-copolymer made by Lotte Chemical, used in orthopedic medical devices, and the biodegradable graft polymers developed by BASF for use in washing and cleaning products are examples of such innovations. Further, Teijin Limited offers formable gasoline-resistant film made of PLANEXT bioplastic to replace chrome plating. This new film is developed with PLANEXT SN4600, an enhanced grade of Teijin's PLANEXT bioplastic (which is produced from a bio-origin chemical compound called isosorbide). In addition to original

PLANEXT properties, such as chemical resistance, transparency, and surface hardness, polymer reforming gives PLANEXT SN4600 significant new properties—gasoline resistance, formability, and UV resistance. Thus, the growing focus on innovation and technological advancement related to bioplastics is the key trend predicted to propel the South & Central America bioplastics and biopolymers market during the forecast period.

South & Central America Bioplastics and Biopolymers Market Overview

The South & Central America bioplastics and biopolymers market in South & Central America is segmented into Brazil, Argentina, and the Rest of South & Central America. The growth in the automotive and packaging industries is anticipated to drive market growth in the region. As per IHS Automotive, the regional automobile market is predicted to grow significantly by 2025 and will be one of the top markets worldwide for light vehicle sales. Technological advancements, increasing greenhouse gas emissions, a greater focus on environmental sustainability, and vehicle end-life management fuel the demand for bioplastics and biopolymers in the automotive industry. Bio-based polypropylene is a competent material for sturdier plastic parts such as bumpers, dashboards, and battery cover.

South & Central America Bioplastics and Biopolymers Market Revenue and Forecast to 2030 (US\$ Million)

South & Central America Bioplastics and Biopolymers Market Segmentation

The South & Central America bioplastics and biopolymers market is segmented into product type, end-use industry, and country.

Based on product type, the South & Central America bioplastics and biopolymers market is segmented into polyethylene, polyethylene terephthalate, polylactic acid, polytrimethylene terephthalate, polybutylene adipate terephthalate, polybutylene succinate, cellulose, blends, and others. The blends segment accounted the largest share of the South & Central America bioplastics and biopolymers market in 2023. Based on end-use industry, the South & Central America bioplastics and biopolymers market is divided into packaging, consumer goods, automotive, textile, building and construction, medical, agriculture, and others. The packaging segment held the largest share of the South & Central America bioplastics and biopolymers market in 2023. Based on country, the South & Central America bioplastics and biopolymers market is segmented into Brazil, Argentina, and the Rest of South & Central America. Brazil dominated the South & Central America bioplastics and biopolymers market in 2023. Arkema SA, BASF SE, Braskem SA, Cardia Bioplastics Australia Pty Ltd, Corbion NV, Eastman Chemical Co, Mitsubishi Chemical Holdings Corp, Mitsui Chemicals Inc, Novamont SpA, and Saudi Basic Industries Corp are some of the leading companies operating in the South & Central America bioplastics and biopolymers market.

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