

# **Starch Polymers Market Size, Share & Trends Analysis Report By Source (Corn Starch, Potato Starch), By Application (Packaging, Agriculture), By Region (North America, Europe, Asia Pacific, Central & South America, Middle East & Africa), And Segment Forecasts, 2025 - 2030**

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## **Abstracts**

This report can be delivered to the clients within 3 Business Days

### **Starch Polymers Market Growth & Trends**

The global starch polymers market size is anticipated to reach USD 4.74 billion by 2030 and is expected to grow at a CAGR of 7.6% from 2025 to 2030, according to a new report by Grand View Research, Inc. The market is a vital segment of the global bioplastics and sustainable materials industry, driven by increasing environmental concerns and regulatory mandates to reduce plastic waste. Derived from renewable sources such as corn, cassava, and potatoes, starch polymers are gaining traction as viable alternatives to conventional plastics across diverse industries. These biodegradable materials are widely used in packaging, agriculture, consumer goods, and medical applications due to their eco-friendly nature and ability to degrade naturally, minimizing long-term environmental impact. The market is experiencing rapid growth as companies and governments worldwide invest in sustainable solutions to meet evolving regulatory standards and consumer demand for greener alternatives.

A key market driver is the global push for biodegradable and compostable materials, particularly in response to rising plastic pollution concerns. Starch polymers offer distinct advantages over petroleum-based plastics, including biodegradability, reduced carbon footprint, and compatibility with industrial composting systems. In addition,

advancements in polymer blending and reinforcement technologies have led to the development of high-performance starch-based materials with enhanced mechanical strength, moisture resistance, and flexibility, expanding their applicability in sectors such as food packaging, agriculture, and disposable cutlery. With increasing support from policymakers and growing investment in biopolymer research, starch polymers are poised to play a pivotal role in the transition toward a circular and sustainable economy.

The market players focus on various strategic initiatives such as mergers, acquisitions, and collaborations. For instance, in January 2024, Lubrizol launched the Carbopol Fusion S-20 polymer, its first sustainable and biodegradable Carbopol polymer for the beauty industry. This new material offers thickening and suspension properties similar to traditional polymers but is made with renewable resources such as starch polymers, has a low carbon footprint, and adheres to the 12 Principles of Green Chemistry.

#### Starch Polymers Market Report Highlights

Based on source, corn starch held the largest share, accumulating USD 1.35 billion market size in 2024

The packaging dominated the application segmentation and accounted for the largest revenue share of over 41.27% in 2024

Asia Pacific dominated the market. Asia Pacific is witnessing rapid growth in starch polymer production due to increasing investments in bioplastic manufacturing facilities, particularly in China, India, and Southeast Asia. These investments are driven by government incentives and rising domestic demand for sustainable materials

China was the leading manufacturer of starch polymers in the Asia Pacific region and captured over 50% of the revenue market share in 2024

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