+357 96 030922
info@marketpublishers.com

# Starch Polymers Market - Global Industry Size, Share, Trends, Opportunity, and Forecast, Segmented By Source (Corn Starch, Potato Starch, Cassava Starch, Wheat Starch), By Application (Packaging, Agriculture, Consumer Goods, Textiles, Medical & Healthcare, Others), By Region & Competition, 2020-2030F

https://marketpublishers.com/r/S4699EFB9A4BEN.html
Date: February 2025
Pages: 187
Price: US$ 4,500.00 (Single User License)
ID: S4699EFB9A4BEN

## Abstracts

Global Starch Polymers Market was valued at USD 3.45 Billion in 2024 and is expected to reach USD 5.32 Billion by 2030 with a CAGR of 7.44% during the forecast period. The global starch polymers market is witnessing significant growth, driven by increasing environmental concerns and the demand for sustainable materials. Starch-based polymers, derived from natural sources such as corn, potatoes, and wheat, are gaining traction as biodegradable alternatives to traditional petroleum-based plastics. These polymers offer excellent compostability, reducing the burden of plastic waste in landfills and oceans. Additionally, growing consumer awareness and stringent regulations regarding plastic usage are fueling the demand for starch polymers across various industries.

One of the key drivers of the starch polymers market is the rising demand for sustainable packaging solutions. The food and beverage industry, in particular, is shifting toward biodegradable packaging to minimize environmental impact. Governments worldwide are enforcing bans on single-use plastics, creating opportunities for starch-based alternatives. Moreover, advancements in polymer blending technologies are enhancing the mechanical properties of starch polymers, making them more suitable for diverse applications, including agricultural films, medical devices, and consumer goods packaging.

+357 96 030922
info@marketpublishers.com

Another significant trend shaping the market is the increasing adoption of starch polymers in the textile industry. Biodegradable fibers made from starch-based materials are being explored as alternatives to synthetic fibers, contributing to sustainable fashion. Additionally, the pharmaceutical industry is incorporating starch-based polymers in drug delivery systems due to their biocompatibility and controlled-release properties.

Key Market Drivers

Growing Applications of Starch Polymers in the Food and Beverage Industry

The global starch polymers market is witnessing significant growth, largely driven by their expanding applications in the food and beverage industry. Starch-based polymers, derived from renewable sources such as corn, potato, wheat, and cassava, have gained prominence as sustainable alternatives to conventional petroleum-based plastics. According to studies, younger consumers globally are more likely to be influenced by sustainable packaging. Over 70% of this demographic have made purchasing decisions based on a product's sustainable packaging. In the U.S., younger consumers account for the majority share of the sustainable food and beverage market. Their biodegradability, non-toxic nature, and functional versatility make them highly attractive for various food packaging and processing applications, aligning with the increasing consumer demand for environmentally friendly products. One of the primary drivers of the starch polymers market is their role in food packaging. Rising concerns over plastic pollution have pushed food manufacturers and retailers to seek biodegradable packaging solutions. Starch-based bioplastics, often blended with other biodegradable polymers such as polylactic acid (PLA), are widely used for producing films, trays, pouches, and edible coatings. These materials not only offer effective barrier properties against moisture and oxygen but also contribute to reducing the carbon footprint of the packaging industry. Furthermore, stringent government regulations on single-use plastics in countries such as the European Union member states, India, and Canada are accelerating the adoption of starch polymers in food packaging. The United States is home to a

Key Market Challenges

High Production Costs

One of the primary challenges in the global starch polymers market is the high

+357 96 030922
info@marketpublishers.com

production cost compared to conventional plastics. The extraction and processing of starch into a polymer require specialized technologies and enzymes, increasing manufacturing expenses. Moreover, the additional costs of blending starch with other biodegradable materials, such as polylactic acid (PLA) or polybutylene adipate terephthalate (PBAT), further elevate the overall cost. As a result, starch-based polymers struggle to compete with fossil-fuel-derived plastics in price-sensitive markets.

Key Market Players

Novamont S.p.A

Rodenburg Biopolymers B.V.

JAPAN CORN STARCH CO., LTD

United Biopolymers, S.A

Balson Industries

BASF SE

BIOTEC Biologische Naturverpackungen GmbH & Co. KG

Biome Bioplastics Limited

Eco-Products Inc

Plantic Technologies Limited

Report Scope

In this report, the Global Starch Polymers Market has been segmented into the following categories, in addition to the industry trends which have also been detailed below:

Starch Polymers Market, By Source:

Corn Starch

+357 96 030922
info@marketpublishers.com

Potato Starch

Cassava Starch

Wheat Starch

Starch Polymers Market, By Application:

Packaging

Agriculture

Consumer Goods

Textiles

Medical & Healthcare

Others

Starch Polymers Market, By Region:

North America

United States

Canada

Mexico

Europe

France

United Kingdom

Italy

Germany

+357 96 030922
info@marketpublishers.com

Spain

Asia Pacific

China

India

Japan

Australia

South Korea

South America

Brazil

Argentina

Colombia

Middle East & Africa

South Africa

Saudi Arabia

UAE

Competitive Landscape

Company Profiles: Detailed analysis of the major companies present in the Global Starch Polymers Market.

Available Customizations:

+357 96 030922
info@marketpublishers.com

Global Starch Polymers Market report with the given market data, TechSci Research offers customizations according to a company's specific needs. The following customization options are available for the report:

Company Information

Detailed analysis and profiling of additional market players (up to five).

+357 96 030922
info@marketpublishers.com

# Contents

+357 96 030922
info@marketpublishers.com



## 6. NORTH AMERICA STARCH POLYMERS MARKET OUTLOOK



## 7. EUROPE STARCH POLYMERS MARKET OUTLOOK

+357 96 030922
info@marketpublishers.com



## 8. ASIA PACIFIC STARCH POLYMERS MARKET OUTLOOK

+357 96 030922
info@marketpublishers.com



## 9. SOUTH AMERICA STARCH POLYMERS MARKET OUTLOOK

+357 96 030922
info@marketpublishers.com



## 10. MIDDLE EAST AND AFRICA STARCH POLYMERS MARKET OUTLOOK

+357 96 030922
info@marketpublishers.com

+357 96 030922
info@marketpublishers.com

+357 96 030922
info@marketpublishers.com

## I would like to order

Product name: Starch Polymers Market - Global Industry Size, Share, Trends, Opportunity, and Forecast, Segmented By Source (Corn Starch, Potato Starch, Cassava Starch, Wheat Starch), By Application (Packaging, Agriculture, Consumer Goods, Textiles, Medical & Healthcare, Others), By Region & Competition, 2020-2030F

Product link: https://marketpublishers.com/r/S4699EFB9A4BEN.html

Price: US$ 4,500.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:
info@marketpublishers.com

## Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page https://marketpublishers.com/r/S4699EFB9A4BEN.html