

# Modified Starch Market to Hit USD 28.9 Billion by 2034, Driven by Functional Demand Across Diverse Industries

*Modified starch market is witnessing growth due to increasing demand in food, pharmaceutical, and industrial applications, driven by its functional versatility.*

NEWARK, DE, UNITED STATES, June 10, 2025 /EINPresswire.com/ -- The [modified starch market](#) is projected to grow at a steady CAGR of approximately 4.4% from 2024 to 2034, nearly doubling its revenue to reach USD 28.9 billion by the end of the forecast period. This growth is propelled by the expanding application of modified starch across a range of industries including food and beverages, pharmaceuticals, textiles, and paper manufacturing.



Modified Starch Industry Size

The global surge in demand is primarily driven by the versatility and enhanced functionality that modified starch offers over native starch. In the food industry, it is used for thickening, stabilizing, emulsifying, and gelling, enhancing both texture and shelf life. In the pharmaceutical sector, it serves as an effective binder and disintegrant in drug formulations. Furthermore, the growing consumer preference for clean-label and [plant-based ingredients](#) has made modified starch a desirable alternative to synthetic additives, supporting its market penetration worldwide.

“

Modified starch is reshaping food innovation—delivering texture, stability, and shelf-life like never before, as global industries tap into its functional edge.”

*Nandini Roy Chaudhari*

Modified starch is derived from native starch through chemical, physical, or enzymatic processes to enhance its functional properties. These alterations improve solubility, viscosity, stability, and resistance to harsh processing environments, making it suitable for diverse applications. This

adaptability has driven its widespread usage in processed foods, dairy products, beverages, cosmetics, and even biodegradable packaging materials, supporting sustainable innovation in several end-use sectors.

Preview the Latest Trends – Request a Sample Copy:

<https://www.futuremarketinsights.com/reports/sample/rep-gb-9673>

### Increasing Adoption of Functional Starch in Food and Beverage Industry

A major driver for the rising demand for modified starch is its wide application in the food and beverage industry. Modified starches are extensively used as texturizing agents in food, contributing to improved mouthfeel, stability, and shelf life of products. Their presence is critical in bakery items, sauces, dairy alternatives, and gluten-free product formulations, where they act as food-grade thickeners and stabilizers.

In particular, the use of modified starch in [bakery products](#) such as cakes, muffins, and pastries has seen a considerable uptick. It enhances softness, retains moisture, and supports the extended freshness of baked goods. Similarly, modified starch plays a crucial role in meat and poultry processing, where it binds moisture and improves consistency.

### Modified Starch for Industrial Applications: Paper, Textile, and Adhesives

Beyond the food industry, modified starches are witnessing expanding applications in industrial segments. The industrial use of modified starch in paper and textile sectors is pivotal due to its ability to enhance the strength, finish, and printability of paper products.

In the textile sector, modified starches serve as sizing agents, improving fiber strength and performance during weaving. They also contribute to eco-friendly manufacturing, aligning with the global shift toward sustainable practices.

Moreover, non-food applications of modified starch in adhesives and coatings are gaining momentum. Their film-forming, thickening, and stabilizing properties make them ideal for biodegradable adhesives and sustainable coating solutions, especially in packaging and construction industries.

### Pharmaceutical Applications and Enzymatic Modifications

The pharmaceutical industry is leveraging enzymatically modified starches for various applications, including as fillers, binders, and disintegrants in tablets and capsules. Modified starches enhance drug release and bioavailability, making them indispensable in modern drug formulations.

In particular, resistant starch innovation is opening new avenues in the health and wellness

segment, where modified starches act as functional food ingredients to promote digestive health and regulate glycemic response.

Access the Complete Report – Drive Your Strategy Forward:

<https://www.futuremarketinsights.com/reports/modified-starch-market>

## Global Modified Starch Market Overview

The global modified starch market is moderately fragmented with major players including Cargill, Ingredion Incorporated, Tate & Lyle, Roquette, and Archer Daniels Midland Company. These companies are actively investing in R&D, geographical expansion, and sustainable sourcing to maintain their market positions. Meanwhile, regional and local manufacturers are focusing on specialized, application-specific starches to carve out niche segments.

## Leading Brands

- Ingredion Inc
- Foodchem
- ADM
- AGRANA Group
- Emsland Group
- Roquette Frères
- Blattmann Schweiz AG
- Tereos
- Poon Phol Group
- Cargill, Inc
- Royal Avebe
- MGP Ingredients
- Tate & Lyle PLC
- Südstärke GmbH
- Thai-Wah Public Company Ltd
- Others

## Regional Market Outlook

- USA: With a CAGR of 4.5%, the U.S. market benefits from demand in processed foods and pharmaceuticals, along with advancements in food tech.
- Germany: Projected to grow at 3.9%, the country is witnessing rising demand for clean-label starch in bakery and confectionery.
- France: At 4.1% CAGR, France is driven by innovation in dairy applications and health-conscious food alternatives.
- China: Leading the Asia-Pacific market with 4.8% CAGR, driven by urbanization and a growing appetite for convenience food.

- India: Expected to register the highest growth at 5.4%, fueled by its expanding pharmaceutical and processed food sectors.

Explore FMI's related ongoing Coverage in Food and Beverage Domain:

Modified Flour Market: <https://www.futuremarketinsights.com/reports/modified-flour-market>

Modified Milk Ingredients Market: <https://www.futuremarketinsights.com/reports/modified-milk-ingredients-market>

Modified Soya Flour Market: <https://www.futuremarketinsights.com/reports/modified-soya-flour-market>

Genetically Modified Food Market: <https://www.futuremarketinsights.com/reports/genetically-modified-foods-market>

#### About Future Market Insights (FMI)

Future Market Insights, Inc. (ESOMAR certified, recipient of the Stevie Award, and a member of the Greater New York Chamber of Commerce) offers profound insights into the driving factors that are boosting demand in the market. FMI stands as the leading global provider of market intelligence, advisory services, consulting, and events for the Packaging, Food and Beverage, Consumer Technology, Healthcare, Industrial, and Chemicals markets. With a vast team of over 400 analysts worldwide, FMI provides global, regional, and local expertise on diverse domains and industry trends across more than 110 countries.

#### Contact Us:

Future Market Insights Inc.

Christiana Corporate, 200 Continental Drive,

Suite 401, Newark, Delaware – 19713, USA

T: +1-347-918-3531

Website: <https://www.futuremarketinsights.com>

Ankush Nikam

Future Market Insights, Inc.

+91 90966 84197

[email us here](#)

Visit us on social media:

[LinkedIn](#)

[Facebook](#)

[YouTube](#)

[X](#)

EIN Presswire's priority is source transparency. We do not allow opaque clients, and our editors try to be careful about weeding out false and misleading content. As a user, if you see something we have missed, please do bring it to our attention. Your help is welcome. EIN Presswire, Everyone's Internet News Presswire™, tries to define some of the boundaries that are reasonable in today's world. Please see our Editorial Guidelines for more information.

© 1995-2025 Newsmatics Inc. All Right Reserved.