

Global Dough Strengthening Enzymes Market 2026 by Manufacturers, Regions, Type and Application, Forecast to 2032

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Abstracts

According to our (Global Info Research) latest study, the global Dough Strengthening Enzymes market size was valued at US\$ 511 million in 2025 and is forecast to a readjusted size of US\$ 713 million by 2032 with a CAGR of 4.9% during review period.

Dough strengthening enzymes are a class of complex enzyme preparations or single enzymes with specific functions used in the baking industry. They work by acting on different components in dough (such as gluten proteins, starch, and non-starch polysaccharides) to comprehensively improve the physical properties, processing performance, and fermentation stability of the dough. Their core objective is to enhance the volume, texture, and quality of the final baked goods. Demand stems from the global baking and pasta industry's urgent pursuit of product standardization, production efficiency, and clean labeling. The core driving force is to address flour quality fluctuations, improve processing tolerance, and replace traditional chemical improvers to meet consumer demand for natural and healthy foods. The upstream sector consists of technology and raw material suppliers, including enzyme preparation manufacturers, biotechnology companies providing strains and fermentation technologies, and suppliers of related equipment and standard products. The downstream sector mainly includes flour processing enterprises, large-scale baking and pasta factories, compound food additive companies, and pre-made dough manufacturers. In 2025, the production of dough strengthening enzymes was approximately 71,000 tons, with an average price of approximately US\$7/kg, a gross profit margin of approximately 45%, and a single-line capacity of 600 tons/year.

This report is a detailed and comprehensive analysis for global Dough Strengthening Enzymes market. Both quantitative and qualitative analyses are presented by

manufacturers, by region & country, by Type and by Application. As the market is constantly changing, this report explores the competition, supply and demand trends, as well as key factors that contribute to its changing demands across many markets. Company profiles and product examples of selected competitors, along with market share estimates of some of the selected leaders for the year 2025, are provided.

Key Features:

Global Dough Strengthening Enzymes market size and forecasts, in consumption value (\$ Million), sales quantity (Tons), and average selling prices (US\$/kg), 2021-2032

Global Dough Strengthening Enzymes market size and forecasts by region and country, in consumption value (\$ Million), sales quantity (Tons), and average selling prices (US\$/kg), 2021-2032

Global Dough Strengthening Enzymes market size and forecasts, by Type and by Application, in consumption value (\$ Million), sales quantity (Tons), and average selling prices (US\$/kg), 2021-2032

Global Dough Strengthening Enzymes market shares of main players, shipments in revenue (\$ Million), sales quantity (Tons), and ASP (US\$/kg), 2021-2026

The Primary Objectives in This Report Are:

To determine the size of the total market opportunity of global and key countries

To assess the growth potential for Dough Strengthening Enzymes

To forecast future growth in each product and end-use market

To assess competitive factors affecting the marketplace

This report profiles key players in the global Dough Strengthening Enzymes market based on the following parameters - company overview, sales quantity, revenue, price, gross margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include Novonesis (Listed, Bagsv?rd Denmark), IFF (Listed, New York USA), DSM (Listed, Kaiseraugst Switzerland), Associated British Foods (Listed, London UK), Amano Enzyme Inc. (Listed, Nagoya Japan), Solyve (Unlisted, Normandy France), Biocatalysts Ltd. (Unlisted, Pontypridd UK), Advanced Enzyme Technologies Ltd. (Listed, Thane India), Kerry Group (Listed, Tralee Ireland), Puratos Group (Unlisted, Groot-Bijgaarden Belgium), etc.

This report also provides key insights about market drivers, restraints, opportunities,

new product launches or approvals.

Market Segmentation

Dough Strengthening Enzymes market is split by Type and by Application. For the period 2021-2032, the growth among segments provides accurate calculations and forecasts for consumption value by Type, and by Application in terms of volume and value. This analysis can help you expand your business by targeting qualified niche markets.

Market segment by Type

Single Enzyme

Compound Enzyme

Market segment by Targeted Ingredients

Oxidases

Transglutaminase

Amylases

Xylanases / Pentosanases

Lipoxygenase

Market segment by Application

Flour Processing Plant

Baking Food Factory

Prepared Food Factory

Other

Major players covered

Novonesis (Listed, Bagsv?rd Denmark)

IFF (Listed, New York USA)

DSM (Listed, Kaiseraugst Switzerland)

Associated British Foods (Listed, London UK)

Amano Enzyme Inc. (Listed, Nagoya Japan)

Solyve (Unlisted, Normandy France)

Biocatalysts Ltd. (Unlisted, Pontypridd UK)

Advanced Enzyme Technologies Ltd. (Listed, Thane India)

Kerry Group (Listed, Tralee Ireland)

Puratos Group (Unlisted, Groot-Bijgaarden Belgium)

Lesaffre Group (Unlisted, Marcq-en-Bar?ul France)

Lallemand Inc. (Private, Montreal Canada)

Tate & Lyle PLC (Listed, London United Kingdom)

Hunan Hongying Biological Technology Co., Ltd. (Unlisted, Hunan China)

Shandong Longkete Enzyme Preparation Co., Ltd. (Unlisted, Shandong China)

Sunson Industry Group Co., Ltd. (Unlisted, Xi'an China)

Vland Biotech Group Co., Ltd. (Unlisted, Qingdao China)

Maps Enzymes Ltd. (Unlisted, Noida India)

Market segment by region, regional analysis covers
North America (United States, Canada, and Mexico)
Europe (Germany, France, United Kingdom, Russia, Italy, and Rest of Europe)
Asia-Pacific (China, Japan, Korea, India, Southeast Asia, and Australia)
South America (Brazil, Argentina, Colombia, and Rest of South America)
Middle East & Africa (Saudi Arabia, UAE, Egypt, South Africa, and Rest of Middle East & Africa)

The content of the study subjects, includes a total of 15 chapters:

Chapter 1, to describe Dough Strengthening Enzymes product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of Dough Strengthening Enzymes, with price, sales quantity, revenue, and global market share of Dough Strengthening Enzymes from 2021 to 2026.

Chapter 3, the Dough Strengthening Enzymes competitive situation, sales quantity, revenue, and global market share of top manufacturers are analyzed emphatically by landscape contrast.

Chapter 4, the Dough Strengthening Enzymes breakdown data are shown at the regional level, to show the sales quantity, consumption value, and growth by regions, from 2021 to 2032.

Chapter 5 and 6, to segment the sales by Type and by Application, with sales market share and growth rate by Type, by Application, from 2021 to 2032.

Chapter 7, 8, 9, 10 and 11, to break the sales data at the country level, with sales quantity, consumption value, and market share for key countries in the world, from 2021 to 2026. and Dough Strengthening Enzymes market forecast, by regions, by Type, and by Application, with sales and revenue, from 2027 to 2032.

Chapter 12, market dynamics, drivers, restraints, trends, and Porters Five Forces analysis.

Chapter 13, the key raw materials and key suppliers, and industry chain of Dough

Strengthening Enzymes.

Chapter 14 and 15, to describe Dough Strengthening Enzymes sales channel, distributors, customers, research findings and conclusion.

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