

Food Encapsulation Market, Size, Share, Growth, Opportunity and Forecast, 2021-2028 | DataM Intelligence

The Global Food Encapsulation Market, is expected to grow at a CAGR of 6.4% during the forecasting period (2021-2028).



New Hampshire, Portsmouth, Aug 11, 2021 ([Issuewire.com](https://www.issuewire.com)) - Market Overview

Food encapsulation is used for the incorporation of substances into meals. It wraps the protecting shell around the [flavor ingredients](#), [bioactive ingredients](#), or other components. This protective shell affords safety towards the cruel situations in the course of the production of the end merchandise. It allows the food components to keep their flavor and get rid of the terrible flavor. It improves the shelf life of food products. It stabilizes the ingredients of the meal in their unique shape. It is effective in decreasing the degradation or loss of taste at some stage in the strategies and storage of meals products.

Food encapsulation affords numerous benefits including controlled launch based totally on time or temperature. It improves the heat & oxidative resistance of the food merchandise. Various food encapsulation technology consisting of microencapsulation, nanoencapsulation, and hybrid encapsulation is used for the manufacturing of food products. Different methods together with physical, chemical, and physicochemical strategies are used. Food encapsulation is broadly used for the manufacturing of nutritional dietary supplements, practical meals merchandise, bakery products, confectionery, beverages, frozen products, and dairy merchandise.

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Market Dynamics

Rising Consumption of Food and Dietary Supplements is Driving the Growth of the Market

The call for meals encapsulation is increasing with the growing consumption of food and dietary dietary supplements. Various meals and nutritional dietary supplements inclusive of nutrients, minerals, Omega three, enzymes, natural acids, probiotics, prebiotics, components, and other dietary supplements for the prevention of the various way of life diseases such as diabetes, heart sicknesses, stroke, weight problems, and other diseases. There is a growing intake of food and dietary supplements with the converting life and nutritional habits across the globe. The increasing consciousness concerning the health blessings shall increase the demand for meals and dietary dietary supplements.

Growing Funding & Investment is Expected to Boost the Market Growth over the Forecast Period

Several public & personal companies are elevating the funding & funding for the meals encapsulation. For instance, in February 2016, Imperial Innovations Group p.C had raised the £5.0 million Series A investment round in Aqdot Limited, the Cambridge, United Kingdom-based totally encapsulation specialist enterprise. As in keeping with the funding the Imperial Innovations Group percent keep the forty-six. 5% hobby in Aqdot Limited. In December 2013, Imperial Innovations Group p.C had invested £350k and led a new seed investment spherical of just about £1 million (\$1.6 million) into Aqdot Limited. The investment becomes used for the development of the Aqdot generation together with the encapsulation generation and partnership with the alternative businesses in the selected markets.

Several Companies are Focussing on Expanding their Capabilities for Food Encapsulation is Increasing the Market Growth

Several businesses are focussing on increasing their capabilities for food encapsulation. For instance, in May 2019, Symrise had increased its flavors encapsulation plant in Branchburg, New Jersey. The employer has brought a new 23,000 rectangular-foot spray bed drying facility to the web page. This new spray mattress drying line would enhance the ability of the organization to offer the encapsulated flavors to food and beverage brands across the North American marketplace. In April 2018, AnaBio Technologies Ltd., specialized in encapsulation using natural meals proteins had opened a brand new facility in Carrigtwohill, close to Cork, Ireland. AnaBio Technologies Ltd had patented the herbal food-grade microencapsulation era for stabilization, safety, and targeted launch of touchy substances. In October 2013, Firmenich had opened the brand new modern encapsulation facility on the Karawang International Industrial City, close to Jakarta, Indonesia. This facility could be used for the production of the employer's proprietary taste encapsulation technology. In December 2012, RFI had improved the Loveland, Colorado manufacturing facility. This facility could offer encapsulation, powder filling, and bottling.

Segment Analysis

By Shell Material

- Polysaccharides*
- Emulsifiers
- Lipids

- Proteins

By Method

- Physical
- Chemical
- Physico-Chemical

By Technology

- Microencapsulation
- Nanoencapsulation
- Hybrid Encapsulation

By Application

- Dietary Supplements*
- Functional Food Products
- Bakery Products
- Confectionery
- Beverages
- Frozen Products
- Dairy Products

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Geographical Analysis

North America Region Holds the Largest Market Share Global Food Encapsulation Market

North America region is dominating the global food encapsulation market accounted for the largest market share in 2019 owing to the higher adoption of the food encapsulation technology for preserving the food and maintaining their shelf-life. This technology is also effective in enhancing the taste, flavor, and color of the foods. There is high consumption of functional food products shall stimulate market growth. According to the Institute of Food Technologists (IFT), the United States is the leading consumer of functional foods. Food encapsulation is widely used to deliver the delivery of precise levels of nutrients. There is high availability of the shell materials such as hydrocolloids, emulsions, polysaccharides, emulsifiers, lipids, and proteins. The United States accounts for the highest market share due to the presence of a large number of market players providing food encapsulation technology. There is a growing demand for food products with improved heat & oxidative resistance, increased shelf-life stability, and improved end-product quality.

Asia-Pacific Region is Expected to Grow at the Fastest CAGR During the Forecast Period

Asia-Pacific region is estimated to be the fastest-growing region in the global food encapsulation market owing to the increasing demand for convenient and healthy food products. Food encapsulation is an effective technique to overcome the challenges associated with color, taste, nutrition, and food preservation. There is increasing usage of food encapsulation to make the easy coating of food ingredients such as acidulants, fats, flavors, and whole ingredients such as raisins or nuts. The drastic

market is expected to be observed in Japan, China, and India due to the growing consumption of food ingredients including vitamins, minerals, enzymes, and probiotics with the changing dietary patterns along with increasing consumer awareness regarding their health benefits. The growing prevalence of several diseases such as obesity, diabetes, stress, and high blood pressure shall have a positive impact on the market. There is a presence of several market players using food encapsulation technology for the development of food products. The growing domestic income and purchasing power of the people shall stimulate market growth.

Competitive Landscape

The food encapsulation market studied is a fragmented market with the presence of a large number of market players. Aveka Group, ABCO Laboratories, Inc., Balchem Corporation, Cargill Inc., Advanced BioNutrition Corporation, Sphera Encapsulation, VitaSquare, Clextral, Encapsys Microencapsulation, Ingredion Incorporated, Symrise AG, International Flavor & Fragrances Inc., and DuPont de Nemours, Inc. are the major players with the significant market share. The major players are adopting several growth strategies such as product launches, mergers, licensing, acquisitions, and collaborations, which are contributing to the growth of the Food Encapsulation market globally. For instance,

Related Topic's

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Source : DataM Intelligence

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