

Gelatin Market Report by Raw Material (Pig Skin, Bovine Hides, Bones, and Others), End Use (Food and Beverages, Nutraceuticals, Pharmaceuticals, Photography, Cosmetics, and Others), and Region 2024-2032

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Abstracts

The global gelatin market size reached 464,410 Tons in 2023. Looking forward, IMARC Group expects the market to reach 526,920 Tons by 2032, exhibiting a growth rate (CAGR) of 1.37% during 2024-2032. The increasing consumption of RTE food products, rising product usage as a binding agent, and the growing sales of personal care and cosmetic products represent some of the key factors driving the market.

The Rising Awareness About the Health Benefits Associated with Gelatin Consumption Augmenting the Market Growth

The increasing health consciousness among the masses represents one of the major factors driving the demand for gelatin around the world. Gelatin is rich in amino acids, which are the building blocks of proteins and are easily digestible. It is a high source of collagen which is the most abundant and important protein in the body. It is also good for joints and can help joint recovery and promote skin, hair, and nail health.

Competitive analysis such as market structure, market share by key players, player positioning, top winning strategies, competitive dashboard, and company evaluation quadrant has been covered in the report. Also, detailed profiles of all major companies have been provided. The market structure is concentrated with top six players. The volume of new entrants is low in the gelatin industry due to the presence of only six manufacturers in the industry.

What is Gelatin?

Gelatin is a colorless, flavorless, and water soluble animal protein derived from collagen, which is a structural protein found in the connective tissues of animals, including cows, pigs, and fish. It is obtained by boiling collagen-containing tissues, such as skin, bones, and tendons, in water until the protein is extracted and forms a gel-like substance when cooled. It is rich in protein, vitamins, minerals, calcium, magnesium, potassium, and other essential nutrients. It aids in improving gut health, reducing inflammation, promoting skin health, boosting bone health, and minimizing the appearance of wrinkles. It offers crystallization control, water binding, film-forming, thickening, and emulsifying properties.

COVID-19 Impact:

The COVID-19 pandemic outbreak has caused a significant impact on the gelatin industry and imposed unprecedented challenges on numerous countries. The lockdowns and travel restrictions imposed by many countries disrupted the global supply chain of gelatin. The closure of restaurants and hotels also reduced the demand for gelatin-based products. As a result, many gelatin manufacturers had to cut down their production or shut down their operations temporarily. Moreover, the pandemic affected the raw material supply for the gelatin industry. The collagen used for gelatin is obtained from animal by-products, and the pandemic led to a shortage of these by-products due to the disruption of the meat processing industry. Apart from this, the pandemic created new opportunities for the gelatin industry. The demand for immunity-boosting supplements and functional foods increased during the pandemic, and gelatin is an essential ingredient in these products. Additionally, the demand for gelatin-based pharmaceutical products, such as capsules, increased due to the considerable need for different medications. In response to the challenges posed by the pandemic, many gelatin manufacturers adopted new strategies. They implemented safety measures in their facilities to protect their employees from the virus and focused on developing new products that catered to the changing needs of consumers.

Gelatin Market Trends:

Gelatin is utilized as a gelling agent, stabilizer, and thickener in the preparation of several food products and beverages, such as puddings, mousses, sour cream, yogurt, sausages, wine, beer, soups, and gravies. This, coupled with the increasing consumption of ready to eat (RTE) food products, rising consumption of alcoholic beverages, and thriving food and beverage (F&B) industry, represent one of the key

factors facilitating the market growth around the world. It can also be attributed to rapid urbanization, hectic schedules, and expanding purchasing power of consumers. Furthermore, the increasing usage of gelatin in the manufacturing of nutritional bars and protein drinks and the growing health consciousness among the masses is influencing the market positively. Moreover, the rising utilization of gelatin in the pharmaceutical and nutraceutical industries as a binding agent and coating for producing capsules, tablets, and gummies is propelling the growth of the market. It can also be attributed to the growing consumption of dietary supplements among individuals in their daily diets. In addition, there is an increase in the use of gelatin in the manufacturing of various personal care and cosmetic products, including hair masks, face masks, moisturizers, mascara, eyeliners, shampoo, and conditioners. It also aids in fighting wrinkles, boosting the metabolism, and strengthening nails and hair. This, along with the easy availability of gelatin based personal care and cosmetic products via offline and online retail channels, is favoring the growth of the market. Apart from this, product manufacturers and sellers are extensively investing in the launching of vegan gelatin variants due to the shifting inclination of individuals toward vegan diets and the growing preference for clean label products. They are also funding technologies and processes that reduce waste, energy consumption, water usage and the overall environmental impact.

Key Market Segmentation:

IMARC Group provides an analysis of the key trends in each sub-segment of the global gelatin market report, along with forecasts at the global and regional level from 2024-2032. Our report has categorized the market based on raw material and end use.

Raw Material Insights:

- Pig Skin
- Bovine Hides
- Bones
- Others

The report has provided a detailed breakup and analysis of the gelatin market based on the raw material. This includes pig skin, bovine hides, bones, and others. According to the report, pig skin represented the largest segment as it has a high content of collagen and the production process is easier and shorter. Moreover, the rising production of gelatin is contributing to the market growth.

End Use Insights:

Food and Beverages

Nutraceuticals

Pharmaceuticals

Photography

Cosmetics

Others

A detailed breakup and analysis of the gelatin market based on the end use has also been provided in the report. This includes food and beverages, nutraceuticals, pharmaceuticals, photography, cosmetics, and others. According to the report, food and beverages accounted for the largest market share to manufacture trifles, aspic, marshmallows, desserts, and candies. It is also used as a blending and glazing agent in the production of canned meat. Moreover, gelatin is used as a thickener and texturizer in products like yogurt, cream cheese, and margarine.

Regional Insights:

Europe

North America

Asia

South America

Others

The report has also provided a comprehensive analysis of all the major regional markets, which include Europe, North America, Asia, South America, and others. According to the report, Europe was the largest market for gelatin. The increasing use of gelatin for combating rheumatoid arthritis, osteoarthritis and osteoporosis and significant growth in the medical sector represents one of the major factors bolstering the market growth in the region. Moreover, the rising utilization of gelatin in various food products and beverages, such as ice-creams, ice-lollies, jellybeans, and candies, is favoring the growth of the market in the region. Apart from this, the growing demand for plant-based and vegetarian gelatin alternatives is influencing the market positively. Furthermore, key players operating in the region are investing in research and development (R&D) to create new and innovative gelatin products.

Competitive Landscape:

The report has also provided a comprehensive analysis of the competitive landscape in the global gelatin market. Some of the companies covered in the report include:

Gelita AG (Formerly DGF Stoess)
Rousselot SAS
PB Gelatin (Tessenderlo Group)
Sterling Biotech Ltd
Weishardt Group
Nitta Gelatin

Please note that this only represents a partial list of companies, and the complete list has been provided in the report.

Key Questions Answered in This Report

1. What was the size of the global gelatin market in 2023?
2. What is the expected growth rate of the global gelatin market during 2024-2032?
3. What are the key factors driving the global gelatin market?
4. What has been the impact of COVID-19 on the global gelatin market?
5. What is the breakup of the global gelatin market based on the raw material?
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7. What are the key regions in the global gelatin market?
8. Who are the key players/companies in the global gelatin market?

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