

Expanded Polystyrene Market Report by Product (White, Grey, Black), End Use Industry (Building and Construction, Packaging, Automotive, and Others), and Region 2025-2033

Market Report | 2025-09-01 | 140 pages | IMARC Group

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Report description:

The global expanded polystyrene market size reached USD 11.1 Billion in 2024. Looking forward, IMARC Group expects the market to reach USD 15.6 Billion by 2033, exhibiting a growth rate (CAGR) of 3.65% during 2025-2033.

Expanded polystyrene (EPS) is a rigid, lightweight cellular plastic material comprising small, hollow spherical balls. It absorbs minimal water, provides low vapor permeance, and can be produced in varying densities and compressive strengths to withstand load and back-fill forces. As compared to the extruded (XPS) foam, EPS is considered a cost-efficient and high performing alternative in many insulation and construction applications. Moreover, it is employed in the manufacturing of trays, plates and fish boxes on account of its thermal resistance and formability.

EPS is an inert material that does not rot and keeps away pests like rats or termites. Consequently, it is used as an insulated panel system for walls, roofs and concrete floors in residential and commercial construction. It is further utilized as void-forming fill material in civil engineering projects as a lightweight fill in road and railway development and as a floatation material in the construction of pontoons and marinas. This, along with a considerable rise in construction activities, represents one of the key factors bolstering the market growth. Apart from this, the shock-absorbing characteristics make EPS ideal for storing and transporting wines, chemicals, electronic equipment and pharmaceutical products. Furthermore, it is gaining traction in the food and beverage (F&B) industry, wherein it is employed to retain moisture and maintain the freshness of perishable products, such as seafood, fruits and vegetables. Besides this, its applications are anticipated to expand in various end use industries, including packaging, decoration works and lifesaving equipment such as life jackets and buoys.

Key Market Segmentation:

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IMARC Group provides an analysis of the key trends in each sub-segment of the global expanded polystyrene market report, along with forecasts at the global, regional and country level from 2025-2033. Our report has categorized the market based on product and end use industry.

Breakup by Product:

- White
- Grey
- Black

Breakup by End Use Industry:

- Building and Construction
- Packaging
- Automotive
- Others

Breakup by Region:

- North America
 - o United States
 - o Canada
- Asia-Pacific
 - o China
 - o Japan
 - o India
 - o South Korea
 - o Australia
 - o Indonesia
 - o Others
- Europe
 - o Germany
 - o France
 - o United Kingdom
 - o Italy
 - o Spain
 - o Russia
 - o Others
- Latin America
 - o Brazil
 - o Mexico
 - o Others
- Middle East and Africa

Competitive Landscape:

The competitive landscape of the industry has also been examined along with the profiles of the key players being Alpek S.A.B. de C.V. (Grupo Industrial Alfa S.A.B de C.V), BASF SE, Dalian TianLi Engineering Plastic Co. Ltd., Evonik Industries AG (RAG-Stiftung), Jiangsu Nijiaxiang Group Co. Ltd., KANEKA CORPORATION, Ming Dih Group Corporation, Ravago, SABIC, Synthos, TOTAL SE and Xingda Group.

Key Questions Answered in This Report:

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- How has the global expanded polystyrene market performed so far and how will it perform in the coming years?
- What has been the impact of COVID-19 on the global expanded polystyrene market?
- What are the key regional markets?
- What is the breakup of the market based on the product?
- What is the breakup of the market based on the end use industry?
- What are the various stages in the value chain of the industry?
- What are the key driving factors and challenges in the industry?
- What is the structure of the global expanded polystyrene market and who are the key players?
- What is the degree of competition in the industry?

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