

## **United States Expandable Polystyrene (EPS) Market Size, Share and Growth Analysis Report: Forecast Trends and Outlook 2025-2034**

Market Report | 2025-06-29 | 121 pages | EMR Inc.

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### **Report description:**

The United States expandable polystyrene (EPS) market volume reached approximately 378.00 Kilo Tons in 2024. The market is projected to grow at a CAGR of 3.10% between 2025 and 2034, reaching a value of around 512.95 Kilo Tons by 2034.

#### United States Expandable Polystyrene (EPS) Market Outlook

United States expandable polystyrene (EPS) market dynamics and trends seems favourable as the use of expanded polystyrene (EPS) in energy-efficient residential building projects in the USA is increasing, driven by its excellent thermal insulation properties and lightweight nature. For example, insulated concrete forms (ICFs) made with EPS are being used in apartment buildings to create highly insulated, airtight walls that reduce heating and cooling costs. Commercial buildings are also investing in EPS for improving energy efficiency. For example, the new headquarters of Salesforce in San Francisco uses EPS insulation to reduce building's carbon footprint and meet the city's strict energy codes.

Moreover, rising investments by US government to increase the number of sustainable construction projects is also fuelling growth of the United States expandable polystyrene (EPS) market. In November 2023, government announced an investment of USD 2 billion for more than 150 building projects across 39 states of US, which will also use EPS and other materials to lower carbon emissions. EPS is also being employed in retrofitting projects to enhance the energy efficiency of existing or older buildings. The Empire State building in New York City had a retrofit that included the installation of EPS insulation, which resulted in reduction in energy expenses by 38%.

#### Growing Adoption of EPS in Various Applications is One of the Crucial United States Expandable Polystyrene (EPS) Market Trends

- The EPS market is projected to experience varying growth rates across different regions from 2024 to 2032.
- The Far West region is expected to lead with a CAGR of 3.6%, driven by strong demand from the construction and packaging

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industries, particularly in states like California where sustainable and energy-efficient building materials are increasingly prioritised.

- The Rocky Mountain region follows with a CAGR of 3.3%, supported by the expansion of the construction sector and growing adoption of EPS in various applications.
- The Southwest (3.2%) and Southeast (3.1%) regions also have a great expandable polystyrene (EPS) demand in United States due to the ongoing development in these areas and the increasing use of EPS in insulation and packaging solutions.
- New England (2.9%) and the Mideast (2.7%) regions exhibit steady growth due to the established construction markets and consistent demand for energy-efficient materials.
- The Plains (2.5%) and Great Lakes (2.3%) regions are expected to see slower growth, likely due to more stable markets with less aggressive expansion compared to other regions.

#### Adoption of Grey and White EPS Solutions Across Industries is Favouring United States Expandable Polystyrene (EPS) Market Growth

- Amongst type of products, grey EPS is projected to lead with a CAGR of 3.5%, driven by its superior thermal insulation properties, making it highly sought after in energy-efficient building applications.
- As per United States expandable polystyrene (EPS) industry analysis, white EPS follows with a CAGR of 3.3%, supported by its increasing use in construction and packaging, particularly where enhanced UV resistance and thermal performance are required.
- Silver EPS is expected to grow at a slower rate, with a CAGR of 2.9%, reflecting its continued use in a wide range of standard applications, including insulation and packaging, but facing more competition from the more advanced grey and black EPS varieties.

#### Building & Construction Applications Hold a Substantial United States Expandable Polystyrene (EPS) Market Share as EPS is Commonly Used in Structures

- By application, building & construction is projected to lead with a CAGR of 3.4%, driven by the increasing demand for energy-efficient and sustainable building materials, where EPS is widely used for insulation and structural applications.
- Packaging follows with a CAGR of 3.3%, reflecting the growing use of EPS in protective packaging solutions due to its lightweight and cushioning properties.
- The automotive sector is expected to grow at a CAGR of 3.0% due to the use of EPS in vehicle components that require lightweight and impact-resistant materials, contributing to fuel efficiency and United States expandable polystyrene (EPS) market revenue.
- The others category, which includes applications in consumer goods and electronics, is projected to grow at a CAGR of 2.8%, indicating steady but slower adoption of EPS in these areas compared to the core applications.

#### Key Questions Answered in the Report:

- How has the United States expandable polystyrene (EPS) market performed historically, and what are the growth expectations for the future?
- What are the primary factors influencing demand and growth in the United States expandable polystyrene (EPS) market?
- What are the key segments within the United States expandable polystyrene (EPS) market, and how are they expected to evolve over the forecast period?
- What are the major challenges and opportunities facing stakeholders in the United States expandable polystyrene (EPS) market?
- Who are the key players in the United States expandable polystyrene (EPS) market, and what strategies are they employing to maintain a competitive edge?
- What are the regulatory and policy factors influencing the United States expandable polystyrene (EPS) market globally or regionally?

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- How competitive is the United States expandable polystyrene (EPS) market according to Porter's five forces analysis, including factors like bargaining power of buyers and suppliers?
- What are the current trends shaping the United States expandable polystyrene (EPS) market landscape, and how are they expected to evolve in the future?
- How are technological advancements impacting the United States expandable polystyrene (EPS) market, and what role do innovation and R&D play in driving growth?
- What are the consumer preferences and buying behavior trends influencing the United States expandable polystyrene (EPS) market?
- How sustainable are current growth rates in the United States expandable polystyrene (EPS) market, and what factors could potentially disrupt these trends?
- What are the regional dynamics within the United States expandable polystyrene (EPS) market, and how do they contribute to overall market growth?
- What are the economic factors influencing the United States expandable polystyrene (EPS) market, such as GDP growth, inflation rates, and currency fluctuations?
- How are demographic shifts, such as aging populations or urbanization trends, affecting demand in the United States expandable polystyrene (EPS) market?
- What are the key strategic partnerships, mergers, and acquisitions shaping the competitive landscape of the United States expandable polystyrene (EPS) market?
- What are the regulatory and legal frameworks impacting the United States expandable polystyrene (EPS) market globally or in key regions?
- How are changing consumer lifestyles and preferences influencing product or service demand within the United States expandable polystyrene (EPS) market?
- What are the emerging market trends and niche opportunities within the United States expandable polystyrene (EPS) market that stakeholders should be aware of?
- How resilient is the United States expandable polystyrene (EPS) market to external shocks or disruptions, such as geopolitical tensions or natural disasters?
- What are the potential barriers to market entry and growth for new players in the United States expandable polystyrene (EPS) market?

#### Key Benefits for Stakeholders:

Expert Market Research's industry report provides a comprehensive quantitative analysis of various market segments, historical and current market trends, and forecasts the dynamics of the United States expandable polystyrene (EPS) market spanning from 2018 to 2034.

The research report delivers up-to-date insights into the market drivers, challenges, and opportunities shaping the United States expandable polystyrene (EPS) market.

Stakeholders can leverage Porter's five forces analysis to assess the impact of new entrants, competitive rivalry, supplier power, buyer power, and the threat of substitution. This analysis aids in evaluating the competitiveness and attractiveness of the United States expandable polystyrene (EPS) market.

The competitive landscape section enables stakeholders to gain a deep understanding of their competitive environment. It offers insights into the current market positions of key players, their strategies, and their market shares.

Additionally, the report highlights emerging trends, regulatory influences, and technological advancements that are pivotal for stakeholders navigating the United States expandable polystyrene (EPS) market landscape.

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