

Global Polystyrene Foam Market Size Study & Forecast, by Resin Type and End-use Industry, and Regional Forecasts 2025–2035

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Abstracts

The Global Polystyrene Foam Market is valued at approximately USD 29.78 billion in 2024 and is projected to expand at a compound annual growth rate (CAGR) of 4.10% over the forecast period from 2025 to 2035. Polystyrene foam—best known for its lightweight, insulating, and cushioning properties—has cemented itself as a staple in construction, packaging, and industrial insulation. Engineered in two key forms, Expanded Polystyrene (EPS) and Extruded Polystyrene (XPS), this material finds critical applications in energy-efficient building systems, protective packaging, and thermal barriers. With mounting emphasis on energy conservation, environmental compliance, and cost-effective construction solutions, polystyrene foam has gained renewed traction globally.

The growing construction and infrastructure sector across both emerging and developed economies has significantly propelled demand for polystyrene foam. As governments enforce stricter building energy codes, insulation materials like EPS and XPS are playing a pivotal role in enabling compliance while enhancing occupant comfort. Concurrently, the surging need for protective packaging, especially within the food & beverage and consumer electronics sectors, has underscored the importance of lightweight, durable, and shock-absorbing materials. Furthermore, as industries seek to optimize logistical efficiency, polystyrene foam's recyclability and low carbon footprint are beginning to overturn its earlier criticism, presenting new growth horizons for manufacturers.

Regionally, North America remains a dominant contributor to market share, driven by the extensive usage of polystyrene foam in residential housing, renovation activities, and cold chain packaging. The United States, in particular, benefits from robust

homebuilding activity and the established presence of insulation and packaging giants. Meanwhile, Europe is experiencing steady adoption, supported by eco-friendly building mandates and heightened consumer awareness of energy-efficient solutions. However, it is Asia Pacific that is poised to register the fastest growth, fueled by rapid urbanization, burgeoning infrastructure projects in countries such as China and India, and an expanding middle class that continues to drive demand for packaged goods and sustainable construction practices. Latin America and the Middle East & Africa are emerging as promising regions, thanks to increasing investment in retail infrastructure and industrial zones.

Major market player included in this report are:

BASF SE

TotalEnergies SE

HB Fuller Company

JSP Corporation

Sinoyqx

Saudi Basic Industries Corporation (SABIC)

Kaneka Corporation

DuPont de Nemours, Inc.

Sekisui Chemical Co., Ltd.

ACH Foam Technologies, LLC

Ravago Group

BEWiSynbra Group AB

StyroChem International

Alpek S.A.B. de C.V.

INEOS Styrolution Group GmbH

Global Polystyrene Foam Market Report Scope:

Historical Data – 2023, 2024

Base Year for Estimation – 2024

Forecast period – 2025–2035

Report Coverage – Revenue forecast, Company Ranking, Competitive Landscape, Growth factors, and Trends

Regional Scope – North America; Europe; Asia Pacific; Latin America; Middle East & Africa

Customization Scope – Free report customization (equivalent up to 8 analysts' working hours) with purchase. Addition or alteration to country, regional & segment scope*

The objective of the study is to define market sizes of different segments & countries in recent years and to forecast the values for the coming years. The report is designed to incorporate both qualitative and quantitative aspects of the industry within the countries involved in the study. The report also provides detailed information about crucial aspects, such as driving factors and challenges, which will define the future growth of the market. Additionally, it incorporates potential opportunities in micro-markets for stakeholders to invest, along with a detailed analysis of the competitive landscape and product offerings of key players.

The detailed segments and sub-segments of the market are explained below:

By Resin Type:

Expanded Polystyrene (EPS)

Extruded Polystyrene (XPS)

By End-use Industry:

Construction and Industrial Insulation

Packaging

Building and Construction

By Region:**North America**

U.S.

Canada

Europe

UK

Germany

France

Spain

Italy

Rest of Europe

Asia Pacific

China

India

Japan

Australia

South Korea

Rest of Asia Pacific

Latin America

Brazil

Mexico

Middle East & Africa

UAE

Saudi Arabia

South Africa

Rest of Middle East & Africa

Key Takeaways:

Market Estimates & Forecast for 10 years from 2025 to 2035.

Annualized revenues and regional level analysis for each market segment.

Detailed analysis of geographical landscape with Country level analysis of major regions.

Competitive landscape with information on major players in the market.

Analysis of key business strategies and recommendations on future market approach.

Analysis of competitive structure of the market.

Demand side and supply side analysis of the market.

Contents

CHAPTER 1. GLOBAL POLYSTYRENE FOAM MARKET REPORT SCOPE & METHODOLOGY

- 1.1. Research Objective
- 1.2. Research Methodology
 - 1.2.1. Forecast Model
 - 1.2.2. Desk Research
 - 1.2.3. Top-Down and Bottom-Up Approach
- 1.3. Research Attributes
- 1.4. Scope of the Study
 - 1.4.1. Market Definition
 - 1.4.2. Market Segmentation
- 1.5. Research Assumptions
 - 1.5.1. Inclusion & Exclusion
 - 1.5.2. Limitations
 - 1.5.3. Years Considered for the Study

CHAPTER 2. EXECUTIVE SUMMARY

- 2.1. CEO/CXO Standpoint
- 2.2. Strategic Insights
- 2.3. ESG Analysis
- 2.4. Key Findings

CHAPTER 3. GLOBAL POLYSTYRENE FOAM MARKET FORCES ANALYSIS

- 3.1. Market Forces Shaping The Global Polystyrene Foam Market (2025-2035)
- 3.2. Drivers
 - 3.2.1. Growing Construction and Infrastructure Development
 - 3.2.2. Increasing Demand for Energy-Efficient Building Materials
- 3.3. Restraints
 - 3.3.1. Environmental Concerns and Regulatory Challenges
 - 3.3.2. Volatility in Raw Material Prices
- 3.4. Opportunities
 - 3.4.1. Expansion in Emerging Markets and Urbanization
 - 3.4.2. Rising Adoption of Sustainable and Recyclable Foam Products

CHAPTER 4. GLOBAL POLYSTYRENE FOAM INDUSTRY ANALYSIS

- 4.1. Porter's Five Forces Model
 - 4.1.1. Bargaining Power of Buyers
 - 4.1.2. Bargaining Power of Suppliers
 - 4.1.3. Threat of New Entrants
 - 4.1.4. Threat of Substitutes
 - 4.1.5. Competitive Rivalry
- 4.2. Porter's Five Forces Forecast Model (2025-2035)
- 4.3. PESTEL Analysis
 - 4.3.1. Political
 - 4.3.2. Economic
 - 4.3.3. Social
 - 4.3.4. Technological
 - 4.3.5. Environmental
 - 4.3.6. Legal
- 4.4. Top Investment Opportunities
- 4.5. Top Winning Strategies (2025)
- 4.6. Market Share Analysis (2024-2025)
- 4.7. Global Pricing Analysis and Trends 2025
- 4.8. Analyst Recommendation & Conclusion

CHAPTER 5. GLOBAL POLYSTYRENE FOAM MARKET SIZE & FORECASTS BY RESIN TYPE 2025–2035

- 5.1. Market Overview
- 5.2. Expanded Polystyrene (EPS)
 - 5.2.1. Regional Market Breakdown & Forecasts, 2024-2035
- 5.3. Extruded Polystyrene (XPS)
 - 5.3.1. Regional Market Breakdown & Forecasts, 2024-2035

CHAPTER 6. GLOBAL POLYSTYRENE FOAM MARKET SIZE & FORECASTS BY END-USE INDUSTRY 2025–2035

- 6.1. Market Overview
- 6.2. Construction and Industrial Insulation
 - 6.2.1. Regional Market Breakdown & Forecasts, 2024-2035
- 6.3. Packaging
 - 6.3.1. Regional Market Breakdown & Forecasts, 2024-2035

6.4. Building and Construction

6.4.1. Regional Market Breakdown & Forecasts, 2024-2035

CHAPTER 7. GLOBAL POLYSTYRENE FOAM MARKET SIZE & FORECASTS BY REGION 2025–2035

7.1. Regional Market Snapshot

7.2. Top Leading & Emerging Countries

7.3. North America Polystyrene Foam Market

7.3.1. U.S. Polystyrene Foam Market

7.3.1.1. Resin Type Breakdown Size & Forecasts, 2025-2035

7.3.1.2. End-Use Industry Breakdown Size & Forecasts, 2025-2035

7.3.2. Canada Polystyrene Foam Market

7.3.2.1. Resin Type Breakdown Size & Forecasts, 2025-2035

7.3.2.2. End-Use Industry Breakdown Size & Forecasts, 2025-2035

7.4. Europe Polystyrene Foam Market

7.4.1. UK Polystyrene Foam Market

7.4.1.1. Resin Type Breakdown Size & Forecasts, 2025-2035

7.4.1.2. End-Use Industry Breakdown Size & Forecasts, 2025-2035

7.4.2. Germany Polystyrene Foam Market

7.4.2.1. Resin Type Breakdown Size & Forecasts, 2025-2035

7.4.2.2. End-Use Industry Breakdown Size & Forecasts, 2025-2035

7.4.3. France Polystyrene Foam Market

7.4.3.1. Resin Type Breakdown Size & Forecasts, 2025-2035

7.4.3.2. End-Use Industry Breakdown Size & Forecasts, 2025-2035

7.4.4. Spain Polystyrene Foam Market

7.4.4.1. Resin Type Breakdown Size & Forecasts, 2025-2035

7.4.4.2. End-Use Industry Breakdown Size & Forecasts, 2025-2035

7.4.5. Italy Polystyrene Foam Market

7.4.5.1. Resin Type Breakdown Size & Forecasts, 2025-2035

7.4.5.2. End-Use Industry Breakdown Size & Forecasts, 2025-2035

7.4.6. Rest of Europe Polystyrene Foam Market

7.4.6.1. Resin Type Breakdown Size & Forecasts, 2025-2035

7.4.6.2. End-Use Industry Breakdown Size & Forecasts, 2025-2035

7.5. Asia Pacific Polystyrene Foam Market

7.5.1. China Polystyrene Foam Market

7.5.1.1. Resin Type Breakdown Size & Forecasts, 2025-2035

7.5.1.2. End-Use Industry Breakdown Size & Forecasts, 2025-2035

7.5.2. India Polystyrene Foam Market

- 7.5.2.1. Resin Type Breakdown Size & Forecasts, 2025-2035
- 7.5.2.2. End-Use Industry Breakdown Size & Forecasts, 2025-2035
- 7.5.3. Japan Polystyrene Foam Market
 - 7.5.3.1. Resin Type Breakdown Size & Forecasts, 2025-2035
 - 7.5.3.2. End-Use Industry Breakdown Size & Forecasts, 2025-2035
- 7.5.4. Australia Polystyrene Foam Market
 - 7.5.4.1. Resin Type Breakdown Size & Forecasts, 2025-2035
 - 7.5.4.2. End-Use Industry Breakdown Size & Forecasts, 2025-2035
- 7.5.5. South Korea Polystyrene Foam Market
 - 7.5.5.1. Resin Type Breakdown Size & Forecasts, 2025-2035
 - 7.5.5.2. End-Use Industry Breakdown Size & Forecasts, 2025-2035
- 7.5.6. Rest of Asia Pacific Polystyrene Foam Market
 - 7.5.6.1. Resin Type Breakdown Size & Forecasts, 2025-2035
 - 7.5.6.2. End-Use Industry Breakdown Size & Forecasts, 2025-2035
- 7.6. Latin America Polystyrene Foam Market
 - 7.6.1. Brazil Polystyrene Foam Market
 - 7.6.1.1. Resin Type Breakdown Size & Forecasts, 2025-2035
 - 7.6.1.2. End-Use Industry Breakdown Size & Forecasts, 2025-2035
 - 7.6.2. Mexico Polystyrene Foam Market
 - 7.6.2.1. Resin Type Breakdown Size & Forecasts, 2025-2035
 - 7.6.2.2. End-Use Industry Breakdown Size & Forecasts, 2025-2035
- 7.7. Middle East & Africa Polystyrene Foam Market
 - 7.7.1. UAE Polystyrene Foam Market
 - 7.7.1.1. Resin Type Breakdown Size & Forecasts, 2025-2035
 - 7.7.1.2. End-Use Industry Breakdown Size & Forecasts, 2025-2035
 - 7.7.2. Saudi Arabia Polystyrene Foam Market
 - 7.7.2.1. Resin Type Breakdown Size & Forecasts, 2025-2035
 - 7.7.2.2. End-Use Industry Breakdown Size & Forecasts, 2025-2035
 - 7.7.3. South Africa Polystyrene Foam Market
 - 7.7.3.1. Resin Type Breakdown Size & Forecasts, 2025-2035
 - 7.7.3.2. End-Use Industry Breakdown Size & Forecasts, 2025-2035
 - 7.7.4. Rest of Middle East & Africa Polystyrene Foam Market
 - 7.7.4.1. Resin Type Breakdown Size & Forecasts, 2025-2035
 - 7.7.4.2. End-Use Industry Breakdown Size & Forecasts, 2025-2035

CHAPTER 8. COMPETITIVE INTELLIGENCE

- 8.1. Top Market Strategies
- 8.2. BASF SE

- 8.2.1. Company Overview
- 8.2.2. Key Executives
- 8.2.3. Company Snapshot
- 8.2.4. Financial Performance (Subject to Data Availability)
- 8.2.5. Product/Services Portfolio
- 8.2.6. Recent Development
- 8.2.7. Market Strategies
- 8.2.8. SWOT Analysis
- 8.3. TotalEnergies SE
- 8.4. HB Fuller Company
- 8.5. JSP Corporation
- 8.6. Sinoyqx
- 8.7. Saudi Basic Industries Corporation (SABIC)
- 8.8. Kaneka Corporation
- 8.9. DuPont de Nemours, Inc.
- 8.10. Sekisui Chemical Co., Ltd.
- 8.11. ACH Foam Technologies, LLC
- 8.12. Ravago Group
- 8.13. BEWiSynbra Group AB
- 8.14. StyroChem International
- 8.15. Alpek S.A.B. de C.V.
- 8.16. INEOS Styrolution Group GmbH

List Of Tables

LIST OF TABLES

- Table 1. Global Polystyrene Foam Market, Report Scope
- Table 2. Global Polystyrene Foam Market Estimates & Forecasts By Region 2024–2035
- Table 3. Global Polystyrene Foam Market Estimates & Forecasts By Resin Type 2024–2035
- Table 4. Global Polystyrene Foam Market Estimates & Forecasts By End-Use Industry 2024–2035
- Table 5. U.S. Polystyrene Foam Market Estimates & Forecasts, 2024–2035
- Table 6. Canada Polystyrene Foam Market Estimates & Forecasts, 2024–2035
- Table 7. UK Polystyrene Foam Market Estimates & Forecasts, 2024–2035
- Table 8. Germany Polystyrene Foam Market Estimates & Forecasts, 2024–2035
- Table 9. France Polystyrene Foam Market Estimates & Forecasts, 2024–2035
- Table 10. Spain Polystyrene Foam Market Estimates & Forecasts, 2024–2035
- Table 11. Italy Polystyrene Foam Market Estimates & Forecasts, 2024–2035
- Table 12. Rest of Europe Polystyrene Foam Market Estimates & Forecasts, 2024–2035
- Table 13. China Polystyrene Foam Market Estimates & Forecasts, 2024–2035
- Table 14. India Polystyrene Foam Market Estimates & Forecasts, 2024–2035
- Table 15. Japan Polystyrene Foam Market Estimates & Forecasts, 2024–2035
- Table 16. Australia Polystyrene Foam Market Estimates & Forecasts, 2024–2035
- Table 17. South Korea Polystyrene Foam Market Estimates & Forecasts, 2024–2035
- Table 18. Brazil Polystyrene Foam Market Estimates & Forecasts, 2024–2035
- Table 19. Mexico Polystyrene Foam Market Estimates & Forecasts, 2024–2035
- Table 20. UAE Polystyrene Foam Market Estimates & Forecasts, 2024–2035
- Table 21. Saudi Arabia Polystyrene Foam Market Estimates & Forecasts, 2024–2035
- Table 22. South Africa Polystyrene Foam Market Estimates & Forecasts, 2024–2035

List Of Figures

LIST OF FIGURES

- Fig 1. Global Polystyrene Foam Market, Research Methodology
- Fig 2. Market Estimation Techniques
- Fig 3. Market Size Estimates & Forecast Methods
- Fig 4. Key Industry Trends – 2025
- Fig 5. Global Market Growth Outlook 2024–2035
- Fig 6. Porter’s Five Forces Model
- Fig 7. PESTEL Analysis
- Fig 8. Value Chain Analysis
- Fig 9. Polystyrene Foam Market by Resin Type (2025 vs 2035)
- Fig 10. Polystyrene Foam Market by End-Use Industry (2025 vs 2035)
- Fig 11. North America Market Share, 2025 & 2035
- Fig 12. Europe Market Share, 2025 & 2035
- Fig 13. Asia Pacific Market Share, 2025 & 2035
- Fig 14. Latin America Market Share, 2025 & 2035
- Fig 15. Middle East & Africa Market Share, 2025 & 2035
- Fig 16. Competitive Market Share Analysis (2025)

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