

Global One Component Polyurethane Foam Market Size Study & Forecast, by Foam Type, Application, Density, Additives and Modifiers, Form, and Regional Forecasts 2025–2035

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Abstracts

The Global One Component Polyurethane Foam Market is valued at approximately USD 55.11 billion in 2024 and is projected to expand at a compound annual growth rate (CAGR) of 4.20% during the forecast period from 2025 to 2035. One component polyurethane (OCF) foam has established itself as a linchpin across multiple industries for its unique ability to cure with ambient humidity, forming strong, durable, and insulating foams with minimal effort. These materials are frequently used in sealing, bonding, and insulating applications due to their excellent adhesion, structural integrity, and moisture resistance. As rapid urbanization continues to reshape the global landscape, especially in emerging economies, OCF foam is increasingly being embraced within the construction and packaging sectors for its energy-efficient and cost-effective attributes.

A significant catalyst fueling the market is the booming construction sector, particularly the rise of green building initiatives and smart insulation systems. The demand for high-performance insulating materials that comply with energy-saving mandates has led manufacturers to reengineer OCF formulations with reduced emissions and enhanced fire retardancy. Simultaneously, the automotive and electronics sectors are tapping into the lightweight and vibration-dampening benefits of polyurethane foams, especially in electric vehicle manufacturing and consumer electronics packaging. The expanding usage of flame retardants, blowing agents, and custom additives has allowed OCF products to be tailored with precision for end-use specific applications, propelling their global demand.

Geographically, North America is poised to lead the charge due to a strong push toward sustainable building materials, government mandates promoting energy-efficient structures, and the region's early adoption of advanced chemical technologies. Europe, too, maintains robust momentum with its eco-conscious construction codes and circular economy model encouraging low-emission polyurethane formulations. However, it's Asia Pacific that is expected to experience the fastest growth, driven by increased investment in residential and infrastructure projects across India, China, and Southeast Asia. These developments, coupled with rising per capita disposable income and industrial modernization, are amplifying the region's demand for high-quality OCF materials.

Major market players included in this report are:

BASF SE

Henkel AG & Co. KGaA

Dow Inc.

Sika AG

3M Company

Huntsman Corporation

RPM International Inc.

Selena Group

Akkim Construction Chemicals

Pidilite Industries Ltd.

Saint-Gobain S.A.

Tremco Incorporated

Fosroc International Limited

Illinois Tool Works Inc.

H.B. Fuller Company

Global One Component Polyurethane 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 Foam Type:

Open-cell Foam

Closed-cell Foam

By Application:

Automotive

Construction

Packaging

Furniture

Electronics

By Density:

Low Density

Medium Density

High Density

By Additives and Modifiers:

Flame Retardants

Colorants

Catalysts

Blowing Agents

By Form:

Sheets

Blocks

Molded Parts

Spray Foam

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 ONE COMPONENT POLYURETHANE 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 Assumption
 - 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 ONE COMPONENT POLYURETHANE FOAM MARKET FORCES ANALYSIS

- 3.1. Market Forces Shaping the Global One Component Polyurethane Foam Market (2024–2035)
- 3.2. Drivers
 - 3.2.1. Surge in demand for energy-efficient insulation materials
 - 3.2.2. Expanding construction and infrastructure developments in emerging economies
 - 3.2.3. Rise in adoption of lightweight materials in automotive and electronics
- 3.3. Restraints
 - 3.3.1. Volatility in raw material prices and supply chain disruptions
 - 3.3.2. Health and environmental concerns linked to isocyanates
- 3.4. Opportunities

- 3.4.1. Rising adoption of green building initiatives and regulations
- 3.4.2. Technological innovations in additive manufacturing and foam formulations

CHAPTER 4. GLOBAL ONE COMPONENT POLYURETHANE FOAM INDUSTRY ANALYSIS

- 4.1. Porter's 5 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 5 Force Forecast Model (2024–2035)
- 4.3. PESTEL Analysis
 - 4.3.1. Political
 - 4.3.2. Economical
 - 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 ONE COMPONENT POLYURETHANE FOAM MARKET SIZE & FORECASTS BY FOAM TYPE (2025–2035)

- 5.1. Market Overview
- 5.2. Global One Component Polyurethane Foam Market Performance – Potential Analysis (2025)
- 5.3. Open-cell Foam
 - 5.3.1. Top Countries Breakdown Estimates & Forecasts, 2024–2035
 - 5.3.2. Market Size Analysis, by Region, 2025–2035
- 5.4. Closed-cell Foam
 - 5.4.1. Top Countries Breakdown Estimates & Forecasts, 2024–2035
 - 5.4.2. Market Size Analysis, by Region, 2025–2035

CHAPTER 6. GLOBAL ONE COMPONENT POLYURETHANE FOAM MARKET SIZE & FORECASTS BY APPLICATION (2025–2035)

- 6.1. Market Overview
- 6.2. Global One Component Polyurethane Foam Market Performance – Potential Analysis (2025)
- 6.3. Automotive
- 6.4. Construction
- 6.5. Packaging
- 6.6. Furniture
- 6.7. Electronics

CHAPTER 7. GLOBAL ONE COMPONENT POLYURETHANE FOAM MARKET SIZE & FORECASTS BY DENSITY (2025–2035)

- 7.1. Low Density
- 7.2. Medium Density
- 7.3. High Density

CHAPTER 8. GLOBAL ONE COMPONENT POLYURETHANE FOAM MARKET SIZE & FORECASTS BY ADDITIVES AND MODIFIERS (2025–2035)

- 8.1. Flame Retardants
- 8.2. Colorants
- 8.3. Catalysts
- 8.4. Blowing Agents

CHAPTER 9. GLOBAL ONE COMPONENT POLYURETHANE FOAM MARKET SIZE & FORECASTS BY FORM (2025–2035)

- 9.1. Sheets
- 9.2. Blocks
- 9.3. Molded Parts
- 9.4. Spray Foam

CHAPTER 10. GLOBAL ONE COMPONENT POLYURETHANE FOAM MARKET SIZE & FORECASTS BY REGION (2025–2035)

- 10.1. Regional Market Snapshot

- 10.2. Top Leading & Emerging Countries
- 10.3. North America One Component Polyurethane Foam Market
 - 10.3.1. U.S.
 - 10.3.1.1. Foam Type Breakdown
 - 10.3.1.2. Application Breakdown
 - 10.3.2. Canada
 - 10.3.2.1. Foam Type Breakdown
 - 10.3.2.2. Application Breakdown
- 10.4. Europe One Component Polyurethane Foam Market
 - 10.4.1. UK
 - 10.4.1.1. Foam Type Breakdown
 - 10.4.1.2. Application Breakdown
 - 10.4.2. Germany
 - 10.4.3. France
 - 10.4.4. Spain
 - 10.4.5. Italy
 - 10.4.6. Rest of Europe
- 10.5. Asia Pacific One Component Polyurethane Foam Market
 - 10.5.1. China
 - 10.5.2. India
 - 10.5.3. Japan
 - 10.5.4. Australia
 - 10.5.5. South Korea
 - 10.5.6. Rest of Asia Pacific
- 10.6. Latin America One Component Polyurethane Foam Market
 - 10.6.1. Brazil
 - 10.6.2. Mexico
- 10.7. Middle East & Africa One Component Polyurethane Foam Market
 - 10.7.1. UAE
 - 10.7.2. Saudi Arabia
 - 10.7.3. South Africa
 - 10.7.4. Rest of Middle East & Africa

CHAPTER 11. COMPETITIVE INTELLIGENCE

- 11.1. Top Market Strategies
- 11.2. BASF SE
 - 11.2.1. Company Overview
 - 11.2.2. Key Executives

- 11.2.3. Company Snapshot
- 11.2.4. Financial Performance (Subject to Data Availability)
- 11.2.5. Product/Services Port
- 11.2.6. Recent Development
- 11.2.7. Market Strategies
- 11.2.8. SWOT Analysis
- 11.3. Henkel AG & Co. KGaA
- 11.4. Dow Inc.
- 11.5. Sika AG
- 11.6. 3M Company
- 11.7. Huntsman Corporation
- 11.8. RPM International Inc.
- 11.9. Selena Group
- 11.10. Akkim Construction Chemicals
- 11.11. Pidilite Industries Ltd.
- 11.12. Saint-Gobain S.A.
- 11.13. Tremco Incorporated
- 11.14. Fosroc International Limited
- 11.15. Illinois Tool Works Inc.
- 11.16. H.B. Fuller Company

List Of Tables

LIST OF TABLES

Table 1. Global One Component Polyurethane Foam Market, Report Scope

Table 2. Global One Component Polyurethane Foam Market Estimates & Forecasts by Region 2024–2035

Table 3. Global Market Estimates & Forecasts by Foam Type 2024–2035

Table 4. Global Market Estimates & Forecasts by Application 2024–2035

Table 5. Global Market Estimates & Forecasts by Density 2024–2035

Table 6. Global Market Estimates & Forecasts by Additives and Modifiers 2024–2035

Table 7. Global Market Estimates & Forecasts by Form 2024–2035

Table 8. U.S. Market Estimates & Forecasts 2024–2035

Table 9. Canada Market Estimates & Forecasts 2024–2035

Table 10. UK Market Estimates & Forecasts 2024–2035

Table 11. Germany Market Estimates & Forecasts 2024–2035

Table 12. France Market Estimates & Forecasts 2024–2035

Table 13. Spain Market Estimates & Forecasts 2024–2035

Table 14. Italy Market Estimates & Forecasts 2024–2035

Table 15. Rest of Europe Market Estimates & Forecasts 2024–2035

Table 16. China Market Estimates & Forecasts 2024–2035

Table 17. India Market Estimates & Forecasts 2024–2035

Table 18. Japan Market Estimates & Forecasts 2024–2035

Table 19. Australia Market Estimates & Forecasts 2024–2035

Table 20. South Korea Market Estimates & Forecasts 2024–2035

Table 21. Brazil Market Estimates & Forecasts 2024–2035

Table 22. Mexico Market Estimates & Forecasts 2024–2035

Table 23. UAE Market Estimates & Forecasts 2024–2035

Table 24. Saudi Arabia Market Estimates & Forecasts 2024–2035

Table 25. South Africa Market Estimates & Forecasts 2024–2035

List Of Figures

LIST OF FIGURES

- Figure 1. Global One Component Polyurethane Foam Market, Research Methodology
- Figure 2. Market Estimation Techniques
- Figure 3. Market Size Estimates & Forecast Methods
- Figure 4. Global Market Key Trends 2025
- Figure 5. Market Growth Prospects 2024–2035
- Figure 6. Porter's Five Forces Model
- Figure 7. PESTEL Analysis
- Figure 8. Value Chain Analysis
- Figure 9. Market by Foam Type (2025 & 2035)
- Figure 10. Market by Application (2025 & 2035)
- Figure 11. Market by Density (2025 & 2035)
- Figure 12. Market by Additives and Modifiers (2025 & 2035)
- Figure 13. Market by Form (2025 & 2035)
- Figure 14. North America Market Forecast (2025 & 2035)
- Figure 15. Europe Market Forecast (2025 & 2035)
- Figure 16. Asia Pacific Market Forecast (2025 & 2035)
- Figure 17. Latin America Market Forecast (2025 & 2035)
- Figure 18. Middle East & Africa Market Forecast (2025 & 2035)
- Figure 19. Company Market Share Analysis (2025)

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