

Foam Blowing Agents Market: Global Industry Trends, Share, Size, Growth, Opportunity and Forecast 2023-2028

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Abstracts

Market Overview:

The global foam blowing agents market size reached US\$ 1.4 Billion in 2022. Looking forward, IMARC Group expects the market to reach US\$ 1.8 Billion by 2028, exhibiting a growth rate (CAGR) of 4.3% during 2023-2028.

A foam blowing agent can produce a cellular structure in a wide range of materials that undergo hardening or phase transition, such as polymers, plastics, and metals, through a foaming process. It comprises ammonium bicarbonate (NH₄HCO₃), sodium bicarbonate (NaHCO₃), sodium borohydride (NaBH₄), and chlorofluorocarbons (CFCs), hydro-chlorofluorocarbons (HCFCs), hydrocarbons, and liquid carbon dioxide (CO₂). It helps reduce density, increase thermal and acoustic insulation, and enhance the relative stiffness of the original polymer. As it possesses low thermal conductivity, foam blowing agent finds extensive applications in the electrical, automobile, construction, and packaging industries.

Foam Blowing Agents Market Trends:

The growing utilization of foam blowing agents in various environment-friendly products, such as methyl formate, hydrofluoroolefin (HFO), and methylal, represents one of the key factors driving the market. Moreover, there are several advantages of foaming agents, such as efficiency and high isolation characteristics. This, along with the rising use of polymer foams in the manufacturing of furniture, is propelling the growth of the market. In addition, several benefits offered by foam blowing agents like low global warming potential (GWP), zero ozone depletion (OPD) and non-toxicity are positively influencing the market. Besides this, there is a rise in the employment of foams in the

construction industry for building insulation and sealants of windows and doors. This, coupled with the growing utilization of foams in stabilizing side hill projects, tiering seating platform construction, building foundations, bridge abutments, and road construction, is catalyzing the demand for foam blowing agents. Additionally, the increasing demand for foams in the automotive industry due to their sound-absorbing, vibration dampening, and lightweight properties is offering lucrative growth opportunities to industry investors.

Key Market Segmentation:

IMARC Group provides an analysis of the key trends in each sub-segment of the global foam blowing agents market report, along with forecasts at the global, regional and country level from 2023-2028. Our report has categorized the market based on product type, foam type and application.

Breakup by Product Type:

- Hydrocarbons (HCs)
- Hydrochlorofluorocarbons (HCFCs)
- Hydrofluorocarbons (HFCs)
- Hydrofluoroolefin (HFO)
- Others

Breakup by Foam Type:

- Polyurethane Foam
- Polystyrene Foam
- Phenolic Foam
- Polypropylene Foam
- Polyethylene Foam
- Others

Breakup by Application:

- Building and Construction
- Automotive
- Bedding and Furniture
- Appliances
- Packaging
- Others

Breakup by Region:

North America

United States

Canada

Asia-Pacific

China

Japan

India

South Korea

Australia

Indonesia

Others

Europe

Germany

France

United Kingdom

Italy

Spain

Russia

Others

Latin America

Brazil

Mexico

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 Arkema S.A., DuPont de Nemours Inc., Exxon Mobil Corporation, Foam Supplies Inc., Harp International Ltd., HCS Group GmbH, Honeywell International Inc., Linde plc, Marubeni Corporation, Solvay S.A., The Chemours Company and Zeon Corporation.

Key Questions Answered in This Report:

How has the global foam blowing agents market performed so far and how will it perform in the coming years?

What has been the impact of COVID-19 on the global foam blowing agents market?

What are the key regional markets?

What is the breakup of the market based on the product type?

What is the breakup of the market based on the foam type?

What is the breakup of the market based on the application?

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 foam blowing agents market and who are the key players?

What is the degree of competition in the industry?

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