

Aerospace Foams Market by Material (PU Foams, PE Foams, Melamine Foams, Metal Foams, PMI/Polyimide Foams), End-Use (Commercial Aircraft, Military Aircraft, And General Aviation), Application and Region - Global Forecast to 2024

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Abstracts

"The aerospace foams market is projected to grow at a CAGR of 8.2% from 2019 to 2024, in terms of value."

The aerospace foams market is projected to grow from USD 4.4 billion in 2019 to USD 6.5 billion by 2024, at a CAGR of 8.2% from 2019 to 2024. The continuous expansion in the overall aviation industry worldwide, as well as the growing demand for the lightweight and fuel-efficient aircraft around the world, are driving the global aerospace foams market. Factors such as stringent regulations in the usage of PU foams as well as new norms for fire safety improvements in aircraft cabins including materials flammability upgrade are restraining the growth of the aerospace foams market.

"The commercial aircraft segment is projected to lead the aerospace foams market in terms of both value and volume during the forecast period."

Based on end-use industry, the commercial aircraft segment led the aerospace foams market in 2018 in terms of both value and volume. The growth of this segment can be attributed to the increasing number of air passengers and high demand for low-cost operators in the regions such as Asia Pacific, Middle East, and South America is driving the growth of the commercial aircraft segment. Furthermore, the surge in the growing demand for LCC around the regions Southeast Asia, India, and Australia is aiding in the growth of the overall commercial aircraft segment and thus, propelling the demand for aerospace foam as well.



"The PU foams material segment is projected to lead the aerospace foams market in terms of both value and volume from 2019 to 2024."

Based on material, PU foams accounted for the largest share of the aerospace foams market in 2018. The PU foams segment is projected to lead the market in terms of both value and volume during the forecast period. PU foams are available in a variety of forms ranging from low to high density with varying rigidity. PU foams are compatible with a multitude of aerospace applications such as seating, airframes, interiors, and packaging in the aerospace industry. The growth in this market is attributed mainly to the extensive usage of PU foams for aerospace seating and cushioning application due to their unique properties of durability, lightweight, and recyclability, among others.

"North America is projected to lead the aerospace foams market during the forecast period, in terms of both value and volume."

The North America region is projected to lead the aerospace foams market from 2019 to 2024, in terms of both value and volume. The demand for aerospace foams is increasing in North America owing to the growing aviation industry in the region. Also, the growing military expenditure is expected to fuel the demand for military aircraft, and rising total numbers of air passengers will drive the market growth. The market in this region is also projected to continue its market dominance in terms of both value and volume, from 2019 to 2024, owing to the increased demand for aerospace foams from countries such as US, Canada, and Mexico.

Profile break-up of primary participants for the report:

By Company Type: Tier 1 – 53%, Tier 2 – 21%, and Tier 3 – 26%

By Designation: C-level Executives – 65%, and Managers – 35%

By Region: North America – 5%, Europe – 30%, Asia Pacific – 40%, South America – 15%, and Middle East & Africa- 10%,

Furthermore, as a part of the qualitative analysis of the aerospace foams market, the research provides a comprehensive review of drivers, restraints, opportunities, and challenges influencing the growth of the market across the globe. It also discusses competitive strategies adopted by the leading market players such as BASF SE



(Germany), Evonik Industries AG (Germany), Boyd Corporation (US), Rogers Corporation (US), FoamPartner (Switzerland), Armacell International S.A. (Luxembourg), SABIC (Saudi Arabia), ERG Materials and Aerospace Corp (US), UFP Technologies, Inc. (US), Zotefoams Plc (UK), General Plastics Manufacturing Company (US), Solvay SA (Belgium), Pyrotek Inc. (US), and Greiner AG (Austria).

Research Coverage:

The report defines, segments, and projects the size of the aerospace foams market based on type, application, and region. It strategically profiles the key players and comprehensively analyzes their market share and core competencies. It also tracks and analyzes competitive developments such as expansions, acquisitions, new product launches, and investments undertaken by them in the market.

Reasons to Buy the Report:

The report is expected to help the market leaders/new entrants in the market by providing them the closest approximations of revenue numbers of the aerospace foams market and its segments. This report is also expected to help stakeholders obtain an improved understanding of the competitive landscape of the market, gain insights to improve the position of their businesses and make suitable go-to-market strategies. It also enables stakeholders to understand the pulse of the market and provide them information on key market drivers, restraints, challenges, and opportunities.



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About

The report "Automotive Foam Market by Types (Polyurethane, Polyolefin, Styrenic, Polyvinyl chloride, Phenolic, Melamine, & Others) and by Applications (Heavy Commercial Vehicles, Light Commercial Vehicles, and Passenger Cars) - Global Trends & Forecasts to 2019" defines and segments the global automotive foam market with an analysis and forecast of its global volume and value. The automotive foams market is estimated to witness a CAGR of 10.50% between 2014 and 2019, and is expected to generate a global market value of \$40.83 billion by 2019.

The report also defines driving and restraining factors for the global automotive foam market with the analysis of trends, opportunities, burning issues, winning imperatives, strategic benchmarking and challenges. Some of the drivers include light weight nature, durability, increasing demand in end-user industries, & growing demand in developing nations. Some of the restraints include exposure risks & environmental impacts, and rising raw material cost.

The Asia-Pacific region is the world's largest market of automotive foams with a share of around 43.36% in terms of volume in 2013. China is the key consumer of automotive foams in Asia-Pacific. Rising passenger car and heavy commercial vehicle industry is driving the market in the region. Various merger & acquisitions, product launches, developments, and expansions in different industries have in turn made the region a potential growth market for automotive foams.

Polyolefin foams can function over a wide range of temperatures reliably across different industry verticals. It is a versatile material for different applications distinctively in the automotive segments. The automotive applications demand for foams having durability and minimal weight. Polypropylene foams provide both, along with reduction in the overall component weight, and significantly lower cost. Also, the recyclability of polypropylene foams preserves the environment and helps with the conservation of resources, while meeting the escalating safety standards in the industry. The seating application of automotive foams has a wide scope for its expansion, which in turn would help in increasing the consumption for automotive foams globally. It is the biggest application of automotive foam and is projected to be worth \$6,657.68 million by 2019.



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