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

Market Report | 2023-05-29 | 146 pages | IMARC Group

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Report description:

The global aerospace foam market size reached US$ 5.3 Billion in 2022. Looking forward, IMARC Group expects the market to reach US$ 7.9 Billion by 2028, exhibiting a growth rate (CAGR) of 6.22% during 2023-2028.

Aerospace foams are cellular structured materials utilized for vibration damping, cushioning, insulating, and packaging. They are used in bedding, upholstery, truck seats, and unique inorganic plant substrates for wall gardens. As they offer heat resistance, durability, and tensile strength to aircraft, aerospace foams are widely used in ceilings and walls, headrests, gaskets, seals, rotor blades, baggage sections, and separators between lavatories and class segments. Besides this, they find extensive applications in the construction, oil and gas, and manufacturing industries.

Aerospace Foam Market Trends:
Aerospace foams can absorb energy from impacts and block rays and radiations. This, along with the rising volume of air traffic and the escalating demand for fuel-efficient and lightweight aircraft around the world, represents one of the key factors driving the market. In addition, governments of several countries are investing in military aircraft and renewable feedstock for manufacturing green aerospace foams. This, coupled with the growing demand for flame retardant and customizable foams across the globe, is positively influencing the market. Additionally, the rising demand for low-cost carrier (LCC) aircraft is propelling the growth of the market. Other growth-inducing factors are rapid urbanization and technological advancements in the aerospace industry. Furthermore, key market players are introducing enhanced headrest platforms by adding a noise cancellation technology to offer a curve around the head of passengers. These players are also installing sensors in the seating systems to monitor temperature, seat belt status, and mobile activation of passengers. Besides this, due to rising concerns about the contribution of the aerospace sector in the global carbon emission and stringent regulations have propelled manufacturers to adopt sustainable materials and newer engineering designs. These innovations are projected to bolster the growth of the market.

Key Market Segmentation:

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

Breakup by Type:

Polyurethane
Polyimide
Metal Foams
Melamine
Polyethylene
Others

Breakup by Application:

Aircraft Seats
Aircraft Floor Carpets
Cabin Walls and Ceilings
Flight Deck Pads
Overhead Stow Bins
Others

Breakup by End User:

General Aviation
Military Aircraft
Commercial Aviation

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 Aerofoam Industries LLC, BASF SE, Boyd Corporation, DuPont de Nemours Inc., Evonik Industries AG, General Plastics Manufacturing Company, Greiner AG, Huntsman International LLC, Pyrotek Inc., Recticel NV/SA, Saudi Basic Industries Corporation (Saudi Arabian Oil Co.), Solvay S.A., UFP Technologies Inc. and Zotefoams Plc.

Key Questions Answered in This Report

1. What was the size of the global aerospace foam market in 2022?
2. What is the expected growth rate of the global aerospace foam market during 2023-2028?
3. What are the key factors driving the global aerospace foam market?
4. What has been the impact of COVID-19 on the global aerospace foam market?
5. What is the breakup of the global aerospace foam market based on the type?
6. What is the breakup of the global aerospace foam market based on the end user?
7. What are the key regions in the global aerospace foam market?
8. Who are the key players/companies in the global aerospace foam market?

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