

Global PMI (Polymethacrylimide) Foam Market Size study & forecast, by Application (Aerospace and Defense, Wind Energy, Transportation, Sporting Goods) and Regional Analysis, 2022-2029

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Abstracts

Global PMI Foam Market is valued approximately at USD XXX billion in 2021 and is anticipated to grow with a healthy growth rate of more than XX % over the forecast period 2022-2029. PMI foam stands for Polymethacrylimide foam, which is a type of closed-cell foam that is known for its high strength-to-weight ratio and excellent thermal insulation properties. PMI foam is made by polymerizing methacrylimide monomers, which results in a rigid, thermosetting foam with a fine, uniform cell structure. PMI foam is used in a wide range of applications, including aerospace, marine, and automotive industries, where its lightweight and high strength make it ideal for structural applications. One of the key advantages of PMI foam is its high temperature resistance, which makes it ideal for use in high-temperature environments, such as jet engines and spacecraft. Additionally, PMI foam is resistant to moisture, chemicals, and UV radiation, which makes it ideal for outdoor and marine applications. The key factor driving the market growth is rising demand in automotive & transportation sector and growing use of composite in aerospace & defense sector is anticipated to support the market growth during forecast period.

Moreover, the growth of the aerospace and defense sector is directly linked to the demand for PMI foam as the material offers several benefits, including high thermal stability, excellent mechanical properties, and low dielectric constant. With the increasing demand for advanced materials in the aerospace and defense industry, the PMI foam market is expected to witness significant growth during projected period. According to Statista, in 2018, the size of global military aircraft and aerospace manufacturing market was USD 242.28 billion and the market was growing significantly

and reached USD 255.76 billion in 2021. Additionally, favorable government policies with wind energy are anticipated to create the lucrative opportunities for the market during the forecast period. However, the Epoxy compatibility issues stifles market growth throughout the forecast period of 2022-2029.

The key regions considered for the Global PMI Foam Market study includes Asia Pacific, North America, Europe, Latin America, and Rest of the World. North America dominates the market holding the market share, owing to the presence of key market players, growing wind energy generation capacity and rising demand in aerospace and defense sector in the region. Whereas, Asia Pacific is anticipated to exhibit fastest growing region over the forecast period, owing to factors such as rising demand of PMI foam in sports goods and in automotive & transportation sector.

Major market player included in this report are:

ERG Aerospace Corporation (U.S.)

CYMAT Technologies Ltd. (Canada)

Alantum (South Korea)

Mott Corporation (U.S.)

Liaoning Rontec Advanced Material Technology Co., Ltd. (China)

BASF SE (Germany)

Covestro AG (Germany)

Lapolla Industries, Inc. (U.S.)

Huntsman International LLC (U.S.)

Dow Inc. (U.S.)

Recent Developments in the Market:

In Nov. 2019, The German-based specialty chemical firm Evonik Industries has announced the expansion of its Rohacell (polymethacrylimide) foam production facility at its Albama plant in the United States.

Global PMI Foam Market Report Scope:

Historical Data 2019-2020-2021

Base Year for Estimation 2021

Forecast period 2022-2029

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

Segments Covered Application, Region

Regional Scope North America; Europe; Asia Pacific; Latin America; Rest of the World

Customization Scope Free report customization (equivalent up to 8 analyst's 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 to the coming years. The report is designed to incorporate both qualitative and quantitative aspects of the industry within countries involved in the study.

The report also caters detailed information about the crucial aspects such as driving factors & challenges which will define the future growth of the market. Additionally, it also incorporates potential opportunities in micro markets for stakeholders to invest along with the detailed analysis of competitive landscape and product offerings of key players. The detailed segments and sub-segment of the market are explained below:

By Application:

- Aerospace and Defense
- Wind Energy
- Transportation
- Sporting Goods

By Region:

- North America
 - U.S.
 - Canada
- Europe
 - UK
 - Germany
 - France
 - Spain
 - Italy
- ROE
- Asia Pacific
 - China
 - India
 - Japan
 - Australia
 - South Korea
- RoAPAC
- Latin America
 - Brazil

Mexico

RoLA

Rest of the World

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