Expanded Polypropylene (EPP) Foam - Market Share Analysis, Industry Trends & Statistics, Growth Forecasts 2019 - 2029

Market Report | 2024-02-17 | 200 pages | Mordor Intelligence

AVAILABLE LICENSES:

- Single User License $4750.00
- Team License (1-7 Users) $5250.00
- Site License $6500.00
- Corporate License $8750.00

Report description:

The Expanded Polypropylene Foam Market size is estimated at USD 469.83 million in 2024, and is expected to reach USD 665.45 million by 2029, growing at a CAGR of 7.21% during the forecast period (2024-2029).

The market was negatively impacted due to the COVID-19 pandemic in 2020. However, the condition recovered in 2021, and it is expected to observe a stable growth trajectory over the forecast period.

Key Highlights
-Over the short term, the non-toxic and recyclable nature of the material and the rising demand from packaging industries are some of the driving factors which are stimulating the market demand.
-The declining automobile Industry through previous years and higher prices, among other structural foams available in the market, may hinder the market's growth.
-On the flip side, higher prices, among other structural foams, are likely to act as restraints for the market studied during the forecast period.
-The rising demand for bio-based polypropylene foam, its emergence as a replacement for other products, and the increasing adoption of electric vehicles are likely to create opportunities for the market in the coming years.
-The Asia-Pacific region dominated the market and is expected to witness the highest CAGR over the forecast period.

Expanded Polypropylene (EPP) Foam Market Trends

Increasing Usage in the Automotive Industry

- The automotive sector is currently the largest consumer of EPP foams. The demand for EPP foams has increased over the years as the EU regulations on emissions have become more rigorous, and laws on recycling vehicles withdrawn from use have been introduced.
- Excellent recoverability and the ability to absorb the impact energy of EPP foams increase the usage of EPP foams in bumpers. In a collision, molded EPP parts built into bumper bar systems reduce pressure and minimize the amount of impact energy transmitted to the chassis.
- Increasing usage of EPP foams in seating and other automotive components reduces the overall weight of the vehicle by ~10%. The fuel consumption was reduced by ~7%. The share of recyclable materials in vehicles that can be reused is increasing simultaneously.
- In addition, increasing electric cars are promoting the EPP foam market's growth, as EPP plays a significant role in making electric cars lightweight and thermally insulated and enhancing energy absorption capabilities.
- EPP foams are also used in the manufacturing of door pads, headliners, and mats. They make it possible to maintain a constant air temperature in the cockpit and generate ideal conditions for battery operations.
- According to the IEA 2021 Outlook, worldwide electric car sales doubled in 2021 and reached 6.6 million. The sales increased strongly in 2022, with 2 million electric cars sold across the globe in the first quarter of 2022.
- The Asia-Oceania and Americas regions recorded 46.73 million and 16.15 million of total automotive production in 2021, registering an increase of 6% and 3%, respectively, compared to 2020. However, Europe recorded 16.34 million of automotive production in 2021, a decrease of 4% compared to 2020.
- The aforementioned aspects may result in the automotive application dominating the market.

Asia-Pacific Region to Dominate the Market

- The Asia-Pacific region dominated the global market share. In Asia-Pacific, China is the largest economy in terms of GDP.
- China is the largest consumer and manufacturer of EPP foams in the Asia-Pacific region. The growing manufacturing activities in the country are increasing the consumption of plastics and polymers in the region, which is expected to drive the expanded polypropylene (EPP) foam market.
- The country's automotive sector has been shaping product evolution, with the country focusing on manufacturing products that ensure fuel economy and minimize emissions, owing to the increasing environmental concerns (due to mounting pollution in the country).
- The Chinese automotive manufacturing industry is the largest in the world. In 2021, the automotive production in the country reached 26.08 million, which increased by 3%, compared to 25.23 million vehicles produced in 2020. The increase in automotive production is estimated to drive the demand for EPP foam.
- Additionally, the market competition in China has become increasingly fierce in the food and beverage industry, which has enabled companies to tap into overseas markets to seek more resources and business opportunities.
- The Indian packaging industry has made a mark with its exports and imports, thus driving technology and innovation growth in the country and adding value to the various manufacturing sectors. The packaging industry is enacting the role of catalyst in promoting the huge growth of the market studied in India. Furthermore, the country has been exhibiting a significant demand for packed foods for the past few years. This scenario is expected to continue during the forecast period, thus boosting the demand for the market studied.
- The Indian furniture market is also very strong. According to InvestIndia (National Investment Promotion and Facilitation Agency), the total rental furniture and appliances market in India reached INR 33,500 crores during FY21. The market is expected to garner USD 61.09 billion by the end of 2023.
- Due to all such factors, the market for expanded polypropylene foam in the region is expected to have steady growth during the

forecast period.

Expanded Polypropylene (EPP) Foam Industry Overview

The expanded polypropylene foam market is consolidated. Some of the major players in the market include BASF SE, JSP, Hanwha Solutions, BEWI (Izoblok), and Kaneka Corporation, among others (not in any particular order).

Additional Benefits:

- The market estimate (ME) sheet in Excel format
- 3 months of analyst support

Table of Contents:

1 INTRODUCTION
1.1 Study Assumptions
1.2 Scope of the Study

2 RESEARCH METHODOLOGY

3 EXECUTIVE SUMMARY

4 MARKET DYNAMICS
4.1 Drivers
4.1.1 Non-toxic and Recyclable Nature of the Material
4.1.2 Rising Demand from the Packaging Industry
4.2 Restraints
4.2.1 Declining Automobile Industry Through Previous Years
4.2.2 Higher Price Among Other Structural Foams
4.3 Industry Value Chain Analysis
4.4 Porter Five Forces
4.4.1 Bargaining Power of Suppliers
4.4.2 Bargaining Power of Buyers
4.4.3 Threat of New Entrants
4.4.4 Threat of Substitute Products and Services
4.4.5 Degree of Competition
4.5 Price Analysis

5 MARKET SEGMENTATION (Market Size by Revenue)
5.1 Raw Material
5.1.1 Synthetic Polypropylene
5.1.2 Bio-based Polypropylene
5.2 Foam
5.2.1 Fabricated EPP
5.2.2 Molded EPP
5.2.3 Other Foams
5.3 Application

5.3.1 Automotive
5.3.2 Dunnage
5.3.3 Furniture
5.3.4 Food Packaging
5.3.5 HVAC
5.3.6 Sports and Leisure
5.3.7 Other Applications
5.4 Geography
5.4.1 Asia-Pacific
5.4.1.1 China
5.4.1.2 India
5.4.1.3 Japan
5.4.1.4 South Korea
5.4.1.5 Rest of Asia-Pacific
5.4.2 North America
5.4.2.1 United States
5.4.2.2 Canada
5.4.2.3 Mexico
5.4.3 Europe
5.4.3.1 Germany
5.4.3.2 United Kingdom
5.4.3.3 France
5.4.3.4 Italy
5.4.3.5 Rest of Europe
5.4.4 South America
5.4.4.1 Brazil
5.4.4.2 Argentina
5.4.4.3 Rest of South America
5.4.5 Middle-East and Africa
5.4.5.1 Saudi Arabia
5.4.5.2 South Africa
5.4.5.3 Rest of Middle-East and Africa

6 COMPETITIVE LANDSCAPE
6.1 Mergers and Acquisitions, Joint Ventures, Collaborations, and Agreements
6.2 Market Ranking Analysis
6.3 Strategies Adopted by Leading Players
6.4 Company Profiles
6.4.1 BASF SE
6.4.2 BEWi (IZOBLOK)
6.4.3 Clark Foam Products Corporation
6.4.4 Hanwha Solutions
6.4.5 JSP
6.4.6 K K Nag Pvt. Ltd
6.4.7 Kaneka Corporation
6.4.8 Knauf Industries
6.4.9 Polyfoam Australia Pty Ltd

6.4.10 Signode Industrial Group Llc
6.4.11 Sonoco Products Company
6.4.12 Woodbridge

7 MARKET OPPORTUNITIES AND FUTURE TRENDS
7.1 Increasing Demand for Bio-based Polypropylene Foam
7.2 Emergence as a Replacement for Other Products
7.3 Increasing Adoption Of Electric Vehicles

Expanded Polypropylene (EPP) Foam - Market Share Analysis, Industry Trends & Statistics, Growth Forecasts 2019 - 2029

Market Report | 2024-02-17 | 200 pages | Mordor Intelligence

To place an Order with Scotts International:

- - Print this form
- - Complete the relevant blank fields and sign
- - Send as a scanned email to support@scotts-international.com

ORDER FORM:

Select license	License	Price
	Single User License	$4750.00
	Team License (1-7 Users)	$5250.00
	Site License	$6500.00
	Corporate License	$8750.00
	VAT	
	Total	

*Please circle the relevant license option. For any questions please contact support@scotts-international.com or 0048 603 394 346.

** VAT will be added at 23% for Polish based companies, individuals and EU based companies who are unable to provide a valid EU Vat Numbers.

Email*		Phone*	
First Name*		Last Name*	
Job title*			
Company Name*		EU Vat / Tax ID / NIP number*	
Address*		City*	
Zip Code*		Country*	
		Date	2025-05-08
		Signature