

# Polyolefin Foam Market Growth Driven by EVs, Construction, Packaging, and Green Innovation Trends | DataM Intelligence

*Polyolefin foam market grows with demand in EVs, green packaging & construction, backed by innovation in lightweight, recyclable, and high-performance materials.*

NEW YORK, NY, UNITED STATES, July 23, 2025 /EINPresswire.com/ -- Market Overview :

The [Polyolefin foam market](#) has emerged as a pivotal segment in the global polymer industry, driven by its remarkable properties such as high thermal insulation, lightweight

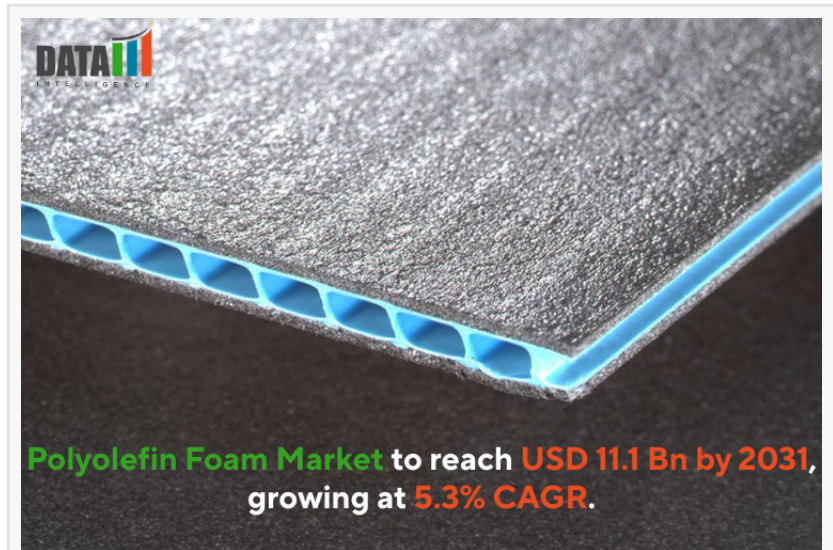
characteristics, superior cushioning, and resistance to water and chemicals. Derived primarily from polyethylene (PE) and polypropylene (PP), polyolefin foams are extensively used in automotive, packaging, construction, sports, and medical applications. In 2022, the global polyolefin foam market reached a valuation of USD 7.4 billion and is forecasted to hit USD 11.1

billion by 2031, growing at a compound annual growth rate (CAGR) of 5.3% between 2024 and 2031. As sustainability gains traction across industries, the recyclability and low environmental impact of polyolefin foams further enhance their appeal, making them a material of choice for eco-conscious manufacturers and end-users alike.

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Driven by lightweight needs, eco-innovation, and EV adoption, polyolefin foam is reshaping industries from packaging to mobility, setting new benchmarks in material efficiency and sustainability”

*DataM Intelligence*



Polyolefin Foam Market

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Polyolefin foam Market Drivers are :

Boom in Electric Vehicles (EVs): Polyolefin foam plays a crucial role in EV battery packaging, thermal management, and noise reduction fueling demand in the expanding EV ecosystem.

Growing Construction Activities Globally: Increasing investments in infrastructure and green buildings have led to greater use of polyolefin foam for insulation, roofing, and soundproofing.

Rise in Sustainable Packaging Solutions: Industries are increasingly shifting to recyclable, lightweight packaging materials, boosting the adoption of polyolefin foams.

Advancements in Foam Processing Technologies: Technological improvements in cross-linking, extrusion, and foaming techniques have enhanced performance and broadened application areas.

Consumer Demand for Lightweight and Durable Products: Whether in footwear or household items, polyolefin foam delivers performance with minimal weight, meeting evolving consumer preferences.

Polyolefin foam Market Key Players are :

The polyolefin foam market is characterized by a mix of established global players and regional manufacturers, all engaged in continuous R&D, strategic partnerships, and geographic expansion. The key players shaping the landscape include:

Furukawa Electric Co. Ltd

Knauf Industries

Dongshin Industry

Kaneka Corporation

JSP Corporation

BASF SE

SSW Pearl Foam GmbH

Sonoco Products Company

Clark Foam

Bradford Company

These companies are at the forefront of innovation, product diversification, and sustainable manufacturing practices.

Polyolefin foam Market Segmentation :

By Type

Polyethylene (PE) Foam

Polypropylene (PP) Foam

By Structure

Cross-linked Foam

Non-cross-linked Foam

By Application

Automotive

Packaging

Building & Construction

Medical

Consumer Goods

Sports & Recreation

By Region

North America

Europe

Asia-Pacific

South America

Middle East & Africa

## Polyolefin foam Latest Developments

### Latest News - USA

March 2025: Sonoco Products Company expanded its polyolefin foam production line in North Carolina to cater to the growing demand from the medical packaging sector. The new facility integrates energy-efficient systems, aligning with the company's sustainability goals.

February 2025: Bradford Company collaborated with electric vehicle manufacturers in the U.S. Midwest to develop custom polyolefin foam inserts aimed at improving battery safety and crash resilience.

January 2025: BASF SE launched a new series of bio-based polypropylene foam materials in the U.S. market under its "ecovio" brand, targeting green building insulation and packaging applications.

### Latest News - Japan

April 2025: Kaneka Corporation announced the development of a next-generation flame-retardant polyolefin foam with improved recyclability, aimed at public transport and electronics applications in Japan.

March 2025: JSP Corporation launched a high-performance cross-linked foam series for the Japanese automotive market, enhancing heat resistance while reducing weight by 12% compared to earlier models.

February 2025: Furukawa Electric Co. Ltd unveiled a collaboration with Japanese universities to integrate nanomaterials into polyolefin foam for advanced EMI shielding in electric vehicles.

### Polyolefin foam Market Key Developments and Strategic Moves

**Strategic Partnerships:** BASF SE and JSP Corporation entered a strategic partnership to develop closed-loop recycling systems for polyolefin foam used in automotive interiors, particularly for European and Asian markets.

**Mergers & Acquisitions:** Knauf Industries recently acquired a minority stake in a South Korean foam processor to strengthen its supply chain and technology capabilities in the Asia-Pacific region.

**Sustainability Initiatives:** Several key players including SSW Pearl Foam GmbH and Clark Foam are investing in CO<sub>2</sub>-neutral production technologies and bio-based feedstocks to align with global carbon reduction targets.

R&D Focus: Dongshin Industry has developed a new series of polyolefin foam blends tailored for high-performance construction insulation, combining low thermal conductivity with superior flame resistance.

Capacity Expansion: Sonoco Products Company plans to open two additional manufacturing units by late 2025 in North America and Southeast Asia to cater to booming demand from logistics and e-commerce packaging.

Conclusion :

The polyolefin foam market is witnessing a dynamic transformation driven by sustainability mandates, advancements in manufacturing technologies, and evolving application needs across industries. From electric vehicles to sustainable packaging and smart construction solutions, the market's versatility is its greatest asset. The Asia-Pacific region, led by Japan, China, and South Korea, continues to be the growth engine, while North America and Europe are key innovation hubs. As key players invest in green solutions and smart product lines, the future of polyolefin foam looks resilient and promising. Manufacturers who focus on performance, eco-compatibility, and value-added customization will be well-positioned to lead in this evolving market.

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