

# In-Depth Analysis Of The Global Aerospace Plastics Market: Key Drivers, Trends, Growth Opportunities, And Forecast 2034

*The Business Research Company's  
Aerospace Plastics Global Market Report  
2025 - Market Size, Trends, And Global  
Forecast 2025-2034*

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Aerospace Plastics Market Report 2025 - Market Size,  
Trends, And Global Forecast 2025-2034

According to the Global Aerospace Plastics Market Report 2025, the market size has risen from \$0.79 billion in 2024 to \$0.84 billion in 2025, reflecting an impressive compound annual growth rate CAGR of 6.2%. This growth over the historic period can largely be attributed to regulatory standards, environmental concerns, air travel demand, aging aircraft fleet, and the globalization of supply chains.

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What's Fueling The [Growth Of The Aerospace Plastics Market](#) Going Forward?

As a significant Market Sizing & Forecasts Through 2034 uncovered, the aerospace plastics market expects to see continued expansion in the forthcoming years. The market size is projected to rise to \$1.08 billion in 2029, realizing a CAGR of 6.7%. This forecast period growth will be driven by

several factors. Among these are the emerging prevalence of electric and hybrid aircraft, shifts in passenger preferences, increased investment in the aviation sector, and heightened demand for plastics. Noteworthy trends over the forecast period include the advent of sustainable materials, improved fire resistance, materials innovation, electrically conductive plastics, and material traceability and certification.

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### What's Driving The Aerospace Plastics Market Growth?

The pivotal role of the commercial aircraft fleet in driving the growth of the aerospace plastics market is hard to ignore. To clarify, the aircraft fleet refers to the total number of airplanes operated by a particular airline. As the fleet size increases, so does the need for new aircraft parts and replacement of old parts. This need, in turn, propels the growth of aerospace plastics utilized in the manufacturing of these aircraft parts. A case in point is the commercial market outlook for 2021–2040 by Boeing, a US-based aerospace company. The outlook predicts the global commercial fleet to exceed 49,000 airplanes by 2040. Evidently, such a vast increase in fleet size will substantially contribute to the growth of the aerospace plastics market.

### What Key Player Strategies Are Driving The Aerospace Plastics Market?

It's also worth noting the key industry players spearheading the advancements in the aerospace plastics market. These include Saudi Basic Industries Corporation, Badische Anilin- und Sodafabrik, Solvay SA, DuPont de Nemours, Inc., Victrex plc, Evonik Industries AG, Saint-Gobain Performance Plastics, Drake Plastics Co Ltd., PACO Plastics & Engineering Inc., Mitsubishi Chemical Advanced Materials, Rochling SE & Co. KG, Performance Plastics Products, Grafix Plastics, HITCO Carbon Composites Inc., Tech-Tool Plastics Inc., Hexcel Corporation, Owens-Corning Fiberglass Company, Performance Plastics Ltd., Polyfluor Plastics BV, Premium AEROTEC GmbH, Quadrant AG, Sumitomo Bakelite Co. Ltd., Teijin Ltd., Toray Industries Inc., Westlake Chemical Corporation, Zeus Industrial Products Inc., Zylog Plastalloys Pvt Ltd., Huntsman Corporation, Koninklijke Ten Cate BV, Loar Group Inc.

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### What Are The Emerging Trends In The Aerospace Plastics Market?

Optimized through technology and innovation, the aerospace plastics market is also witnessing the emergence of advanced products like thermoplastic composite materials. Composed of a thermoplastic matrix in combination with reinforcing fibers like carbon, glass, or aramid, these advanced materials are becoming increasingly popular. Take, for instance, the Japan-based materials manufacturer, Toray Industries, Inc. In October 2024, the company introduced Toray Cetex TC1130 PESU PolyEtherSulphone – a thermoplastic composite material used in aircraft interior applications. This innovation offers exceptional fire, smoke, and toxicity FST performance, coupled with robust impact resistance and toughness.

### How Is The Aerospace Plastics Market Segmented?

Market segmentation also plays a crucial role in understanding the dynamics of the aerospace plastics market. The market covered in this report can be segmented by polymer type Polyether Ether Ketone PEEK, Polymethyl Methacrylate PMMA, Polycarbonates PC, Polyphenylene Sulfide

PPS, Acrylonitrile Butadiene Styrene ABS, by application Aircraft Frame, Components, Cabin Interiors, Wings And Rotor Blades, Other Applications, and by end-use Commercial Aircrafts, Military Aircrafts, Rotary Aircrafts, General Aviation. Polyether Ether Ketone PEEK can further be subdivided into Glass-Filled PEEK, Carbon-Filled PEEK, and Unfilled PEEK while Polymethyl Methacrylate PMMA includes Extruded PMMA, Cast PMMA, and Impact-Modified PMMA. What Are The Regional Insights In The Aerospace Plastics Market?

On a regional perspective, North America held the largest market share in the aerospace plastics market in 2024. However, during the forecast period, it is Asia-Pacific that is set to be the fastest-growing region, commanding a notable share in the aerospace plastics market. The regions discussed in this market report encompass Asia-Pacific, Western Europe, Eastern Europe, North America, South America, Middle East, and Africa.

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