

# **Aircraft Interior Thermoplastics Market Forecasts to 2032 – Global Analysis By Material Type (Polyetheretherketone (PEEK), Polycarbonate (PC), Polyphenylene Sulfide (PPS), Acrylonitrile Butadiene Styrene (ABS), Polyamide (PA), Polyvinyl Chloride (PVC), Polyetherimide (PEI), Polyphenylsulfone (PPSU), Polypropylene (PP), and Other Material Types), Aircraft Type, Form Type, Process Type, Application, End User and By Geography**

<https://marketpublishers.com/r/A3BEB42ABA25EN.html>

Date: June 2025

Pages: 150

Price: US\$ 4,150.00 (Single User License)

ID: A3BEB42ABA25EN

## **Abstracts**

According to Statistics MRC, the Global Aircraft Interior Thermoplastics Market is accounted for \$2.98 billion in 2025 and is expected to reach \$5.52 billion by 2032 growing at a CAGR of 9.2% during the forecast period. Aircraft interior thermoplastics are high-performance plastic materials used in the construction of interior components of aircraft, such as seating, cabin panels, overhead bins, and lavatories. Known for their lightweight, durability, flame resistance, and ease of molding, these materials help reduce overall aircraft weight and improve fuel efficiency. Thermoplastics are increasingly preferred in modern aviation for their cost-effectiveness, design flexibility, and compliance with stringent aerospace safety and regulatory standards.

Market Dynamics:

Driver:

Demand for lightweight materials & fuel efficiency

Airlines are continuously seeking ways to reduce weight, improve operational efficiency, and cut fuel consumption costs. Thermoplastics offer high strength-to-weight ratios, making them ideal for cabin components and structural parts. Their flexibility and ease of manufacturing further enhance their adoption in aerospace applications. Increasing environmental regulations are pushing manufacturers toward sustainable, lightweight solutions. As a result, aircraft interior thermoplastics are becoming a preferred choice for airlines and aircraft manufacturers globally.

#### Restraint:

##### High initial material and tooling costs

The adoption of advanced thermoplastics in aircraft interiors is hindered by high initial material and tooling expenses. Developing customized thermoplastic components requires significant investment in specialized equipment and skilled labor. The production process involves precision engineering and extensive testing to meet stringent aviation safety standards. Additionally, manufacturers must invest in research and development to ensure durability and flame resistance. These financial challenges may slow the widespread adoption of thermoplastics, particularly for smaller aircraft manufacturers.

#### Opportunity:

##### Increasing air passenger traffic and fleet expansion

Airlines are expanding their fleets and modernizing cabin interiors to enhance passenger comfort and operational efficiency. The need for lightweight, durable materials aligns with efforts to improve fuel efficiency and reduce maintenance costs. Technological advancements in thermoplastics allow for enhanced aesthetics, customization, and durability in aircraft interiors. With more passengers traveling, airlines are focusing on premium seating, galley improvements, and enhanced cabin designs. As a result, the market for aircraft interior thermoplastics continues to grow rapidly.

#### Threat:

##### Limited design experience with newer thermoplastics

Aircraft interior designers require specialized knowledge to optimize thermoplastic

material properties for structural and aesthetic applications. The integration of advanced thermoplastics into aircraft interiors demands precision engineering and extensive prototyping. Inexperienced manufacturers may struggle with material selection, production techniques, and regulatory compliance. Additionally, concerns over long-term durability and flame resistance require extensive testing and validation.

### Covid-19 Impact

The COVID-19 pandemic significantly disrupted the Aircraft Interior Thermoplastics Market, leading to delays in aircraft production and modernization projects. Airline financial constraints resulted in postponed fleet upgrades and reduced investments in new cabin materials. However, the pandemic also accelerated demand for lightweight materials as airlines sought cost-effective solutions for post-pandemic recovery. Enhanced hygiene measures and passenger comfort considerations drove innovation in antimicrobial and easy-to-clean thermoplastics.

The extrusion segment is expected to be the largest during the forecast period

The extrusion segment is expected to account for the largest market share during the forecast period, due to its versatility in manufacturing complex aircraft interior components. Extruded thermoplastics are widely used in seat panels, window surrounds, sidewalls, and overhead bins. Their ability to produce lightweight yet durable components enhances fuel efficiency and reduces aircraft weight. The demand for customizable designs and improved aesthetics further fuels segment growth.

The galleys segment is expected to have the highest CAGR during the forecast period

Over the forecast period, the galleys segment is predicted to witness the highest growth rate, due to increasing emphasis on efficient galley designs. Airlines are optimizing galley spaces with lightweight thermoplastics to improve meal service operations and enhance passenger convenience. Advanced thermoplastics offer superior durability, impact resistance, and easy maintenance, making them ideal for galley applications. The integration of modular and ergonomic designs in galley areas is driving demand for innovative thermoplastic solutions.

Region with largest share:

During the forecast period, the Asia Pacific region is expected to hold the largest market share due to its rapidly expanding aviation industry. Strong government initiatives

supporting aerospace manufacturing are further driving market expansion. Increased air passenger traffic in Asia-Pacific is prompting airlines to invest in cabin refurbishments and modern interiors. The presence of leading aircraft manufacturers and suppliers enhances thermoplastic adoption in the region.

#### Region with highest CAGR:

Over the forecast period, the North America region is anticipated to exhibit the highest CAGR, owing to its strong aerospace manufacturing base. The United States leads the industry with major aircraft manufacturers and material suppliers driving thermoplastic innovations. High investments in research and development facilitate the integration of advanced thermoplastics into aircraft interiors. The region's focus on fuel efficiency and sustainable aviation solutions contributes to market expansion.

#### Key players in the market

Some of the key players profiled in the Aircraft Interior Thermoplastics Market include Collins Aerospace, Safran S.A., SABIC, Solvay S.A., Victrex plc, BASF SE, Evonik Industries AG, DuPont, JAMCO Corporation, Diehl Stiftung & Co. KG, FACC AG, Hexcel Corporation, Schneller, DEMGY Group, and Universal Plastics.

#### Key Developments:

In April 2025, Solvay is advancing its sustainability efforts by partnering with Cavalinho, the leading road transport provider for its operations in Brazil. This collaboration aims to reduce the carbon footprint of Solvay's operations in Paulinia, the largest chemical complex in Brazil, which produces over 1.2 million tons of chemicals annually. Solvay will be one of the first companies in Brazil to adopt biofuel-powered trucks for transportation, supporting its goal of cutting scope 3 emissions by 20% by 2030.

In March 2025, SABIC reaffirmed its advocacy for sustainable growth through innovation and collaboration at the Boao Forum for Asia (BFA)'s Annual Conference 2025. Marking its sixth consecutive year as BFA's honorary strategic partner, SABIC underscored its commitment to fostering cross-industry synergies and cross-regional collaboration to unlock sustainable growth.

#### Material Types Covered:

Polyetheretherketone (PEEK)

Polycarbonate (PC)

Polyphenylene Sulfide (PPS)

Acrylonitrile Butadiene Styrene (ABS)

Polyamide (PA)

Polyvinyl Chloride (PVC)

Polyetherimide (PEI)

Polyphenylsulfone (PPSU)

Polypropylene (PP):

Other Material Types

#### Aircraft Types Covered:

Narrow-body Aircraft

Wide-body Aircraft

Regional Aircraft

Business Jets

Military Aircraft

#### Form Types Covered:

Reinforced Plastics

Non-Reinforced Plastics

**Process Types Covered:**

Thermoforming

Injection Molding

Extrusion

Other Process Types

**Applications Covered:**

Seating Components

Cabin Linings and Panels

Overhead Bins

Lavatory Fittings

Window Shades

Galleys

Floor Panels

In-Flight Entertainment &amp; Connectivity (IFEC) Systems

Cockpit Equipment

Other Applications

**End Users Covered:**

Original Equipment (OE)

Aftermarket

Other End Users

Regions Covered:

North America

US

Canada

Mexico

Europe

Germany

UK

Italy

France

Spain

Rest of Europe

Asia Pacific

Japan

China

India

Australia

New Zealand

South Korea

Rest of Asia Pacific

South America

Argentina

Brazil

Chile

Rest of South America

Middle East & Africa

Saudi Arabia

UAE

Qatar

South Africa

Rest of Middle East & Africa

What our report offers:

- Market share assessments for the regional and country-level segments
- Strategic recommendations for the new entrants
- Covers Market data for the years 2024, 2025, 2026, 2028, and 2032
- Market Trends (Drivers, Constraints, Opportunities, Threats, Challenges, Investment Opportunities, and recommendations)
- Strategic recommendations in key business segments based on the market estimations
- Competitive landscaping mapping the key common trends
- Company profiling with detailed strategies, financials, and recent developments
- Supply chain trends mapping the latest technological advancements

## Free Customization Offerings:

All the customers of this report will be entitled to receive one of the following free customization options:

### Company Profiling

Comprehensive profiling of additional market players (up to 3)

SWOT Analysis of key players (up to 3)

### Regional Segmentation

Market estimations, Forecasts and CAGR of any prominent country as per the client's interest (Note: Depends on feasibility check)

### Competitive Benchmarking

Benchmarking of key players based on product portfolio, geographical presence, and strategic alliances

## Contents

### **1 EXECUTIVE SUMMARY**

### **2 PREFACE**

- 2.1 Abstract
- 2.2 Stake Holders
- 2.3 Research Scope
- 2.4 Research Methodology
  - 2.4.1 Data Mining
  - 2.4.2 Data Analysis
  - 2.4.3 Data Validation
  - 2.4.4 Research Approach
- 2.5 Research Sources
  - 2.5.1 Primary Research Sources
  - 2.5.2 Secondary Research Sources
  - 2.5.3 Assumptions

### **3 MARKET TREND ANALYSIS**

- 3.1 Introduction
- 3.2 Drivers
- 3.3 Restraints
- 3.4 Opportunities
- 3.5 Threats
- 3.6 Application Analysis
- 3.7 End User Analysis
- 3.8 Emerging Markets
- 3.9 Impact of Covid-19

### **4 PORTERS FIVE FORCE ANALYSIS**

- 4.1 Bargaining power of suppliers
- 4.2 Bargaining power of buyers
- 4.3 Threat of substitutes
- 4.4 Threat of new entrants
- 4.5 Competitive rivalry

## **5 GLOBAL AIRCRAFT INTERIOR THERMOPLASTICS MARKET, BY MATERIAL TYPE**

- 5.1 Introduction
- 5.2 Polyetheretherketone (PEEK)
- 5.3 Polycarbonate (PC)
- 5.4 Polyphenylene Sulfide (PPS)
- 5.5 Acrylonitrile Butadiene Styrene (ABS)
- 5.6 Polyamide (PA)
- 5.7 Polyvinyl Chloride (PVC)
- 5.8 Polyetherimide (PEI)
- 5.9 Polyphenylsulfone (PPSU)
- 6.10 Polypropylene (PP)
- 6.11 Other Material Types

## **6 GLOBAL AIRCRAFT INTERIOR THERMOPLASTICS MARKET, BY AIRCRAFT TYPE**

- 6.1 Introduction
- 6.2 Narrow-body Aircraft
- 6.3 Wide-body Aircraft
- 6.4 Regional Aircraft
- 6.5 Business Jets
- 6.6 Military Aircraft

## **7 GLOBAL AIRCRAFT INTERIOR THERMOPLASTICS MARKET, BY FORM TYPE**

- 7.1 Introduction
- 7.2 Reinforced Plastics
- 7.3 Non-Reinforced Plastics

## **8 GLOBAL AIRCRAFT INTERIOR THERMOPLASTICS MARKET, BY PROCESS TYPE**

- 8.1 Introduction
- 8.2 Thermoforming
- 8.3 Injection Molding
- 8.4 Extrusion
- 8.5 Other Process Types

## **9 GLOBAL AIRCRAFT INTERIOR THERMOPLASTICS MARKET, BY APPLICATION**

- 9.1 Introduction
- 9.2 Seating Components
- 9.3 Cabin Linings and Panels
- 9.4 Overhead Bins
- 9.5 Lavatory Fittings
- 9.6 Window Shades
- 9.7 Galleys
- 9.8 Floor Panels
- 9.9 In-Flight Entertainment & Connectivity (IFEC) Systems
- 9.10 Cockpit Equipment
- 9.11 Other Applications

## **10 GLOBAL AIRCRAFT INTERIOR THERMOPLASTICS MARKET, BY END USER**

- 10.1 Introduction
- 10.2 Original Equipment (OE)
- 10.3 Aftermarket
- 10.4 Other End Users

## **11 GLOBAL AIRCRAFT INTERIOR THERMOPLASTICS MARKET, BY GEOGRAPHY**

- 11.1 Introduction
- 11.2 North America
  - 11.2.1 US
  - 11.2.2 Canada
  - 11.2.3 Mexico
- 11.3 Europe
  - 11.3.1 Germany
  - 11.3.2 UK
  - 11.3.3 Italy
  - 11.3.4 France
  - 11.3.5 Spain
  - 11.3.6 Rest of Europe
- 11.4 Asia Pacific
  - 11.4.1 Japan
  - 11.4.2 China

- 11.4.3 India
- 11.4.4 Australia
- 11.4.5 New Zealand
- 11.4.6 South Korea
- 11.4.7 Rest of Asia Pacific
- 11.5 South America
  - 11.5.1 Argentina
  - 11.5.2 Brazil
  - 11.5.3 Chile
  - 11.5.4 Rest of South America
- 11.6 Middle East & Africa
  - 11.6.1 Saudi Arabia
  - 11.6.2 UAE
  - 11.6.3 Qatar
  - 11.6.4 South Africa
  - 11.6.5 Rest of Middle East & Africa

## **12 KEY DEVELOPMENTS**

- 12.1 Agreements, Partnerships, Collaborations and Joint Ventures
- 12.2 Acquisitions & Mergers
- 12.3 New Product Launch
- 12.4 Expansions
- 12.5 Other Key Strategies

## **13 COMPANY PROFILING**

- 13.1 Collins Aerospace
- 13.2 Safran S.A.
- 13.3 SABIC
- 13.4 Solvay S.A.
- 13.5 Victrex plc
- 13.6 BASF SE
- 13.7 Evonik Industries AG
- 13.8 DuPont
- 13.9 JAMCO Corporation
- 13.10 Diehl Stiftung & Co. KG
- 13.11 FACC AG
- 13.12 Hexcel Corporation

13.13 Schneller

13.14 DEMGY Group

13.15 Universal Plastics

## List Of Tables

### LIST OF TABLES

- Table 1 Global Aircraft Interior Thermoplastics Market Outlook, By Region (2024-2032) (\$MN)
- Table 2 Global Aircraft Interior Thermoplastics Market Outlook, By Material Type (2024-2032) (\$MN)
- Table 3 Global Aircraft Interior Thermoplastics Market Outlook, By Polyetheretherketone (PEEK) (2024-2032) (\$MN)
- Table 4 Global Aircraft Interior Thermoplastics Market Outlook, By Polycarbonate (PC) (2024-2032) (\$MN)
- Table 5 Global Aircraft Interior Thermoplastics Market Outlook, By Polyphenylene Sulfide (PPS) (2024-2032) (\$MN)
- Table 6 Global Aircraft Interior Thermoplastics Market Outlook, By Acrylonitrile Butadiene Styrene (ABS) (2024-2032) (\$MN)
- Table 7 Global Aircraft Interior Thermoplastics Market Outlook, By Polyamide (PA) (2024-2032) (\$MN)
- Table 8 Global Aircraft Interior Thermoplastics Market Outlook, By Polyvinyl Chloride (PVC) (2024-2032) (\$MN)
- Table 9 Global Aircraft Interior Thermoplastics Market Outlook, By Polyetherimide (PEI) (2024-2032) (\$MN)
- Table 10 Global Aircraft Interior Thermoplastics Market Outlook, By Polyphenylsulfone (PPSU) (2024-2032) (\$MN)
- Table 11 Global Aircraft Interior Thermoplastics Market Outlook, By Polypropylene (PP) (2024-2032) (\$MN)
- Table 12 Global Aircraft Interior Thermoplastics Market Outlook, By Other Material Types (2024-2032) (\$MN)
- Table 13 Global Aircraft Interior Thermoplastics Market Outlook, By Aircraft Type (2024-2032) (\$MN)
- Table 14 Global Aircraft Interior Thermoplastics Market Outlook, By Narrow-body Aircraft (2024-2032) (\$MN)
- Table 15 Global Aircraft Interior Thermoplastics Market Outlook, By Wide-body Aircraft (2024-2032) (\$MN)
- Table 16 Global Aircraft Interior Thermoplastics Market Outlook, By Regional Aircraft (2024-2032) (\$MN)
- Table 17 Global Aircraft Interior Thermoplastics Market Outlook, By Business Jets (2024-2032) (\$MN)
- Table 18 Global Aircraft Interior Thermoplastics Market Outlook, By Military Aircraft

(2024-2032) (\$MN)

Table 19 Global Aircraft Interior Thermoplastics Market Outlook, By Form Type

(2024-2032) (\$MN)

Table 20 Global Aircraft Interior Thermoplastics Market Outlook, By Reinforced Plastics

(2024-2032) (\$MN)

Table 21 Global Aircraft Interior Thermoplastics Market Outlook, By Non-Reinforced Plastics (2024-2032) (\$MN)

Table 22 Global Aircraft Interior Thermoplastics Market Outlook, By Process Type (2024-2032) (\$MN)

Table 23 Global Aircraft Interior Thermoplastics Market Outlook, By Thermoforming (2024-2032) (\$MN)

Table 24 Global Aircraft Interior Thermoplastics Market Outlook, By Injection Molding (2024-2032) (\$MN)

Table 25 Global Aircraft Interior Thermoplastics Market Outlook, By Extrusion (2024-2032) (\$MN)

Table 26 Global Aircraft Interior Thermoplastics Market Outlook, By Other Process Types (2024-2032) (\$MN)

Table 27 Global Aircraft Interior Thermoplastics Market Outlook, By Application (2024-2032) (\$MN)

Table 28 Global Aircraft Interior Thermoplastics Market Outlook, By Seating Components (2024-2032) (\$MN)

Table 29 Global Aircraft Interior Thermoplastics Market Outlook, By Cabin Linings and Panels (2024-2032) (\$MN)

Table 30 Global Aircraft Interior Thermoplastics Market Outlook, By Overhead Bins (2024-2032) (\$MN)

Table 31 Global Aircraft Interior Thermoplastics Market Outlook, By Lavatory Fittings (2024-2032) (\$MN)

Table 32 Global Aircraft Interior Thermoplastics Market Outlook, By Window Shades (2024-2032) (\$MN)

Table 33 Global Aircraft Interior Thermoplastics Market Outlook, By Galleys (2024-2032) (\$MN)

Table 34 Global Aircraft Interior Thermoplastics Market Outlook, By Floor Panels (2024-2032) (\$MN)

Table 35 Global Aircraft Interior Thermoplastics Market Outlook, By In-Flight Entertainment & Connectivity (IFEC) Systems (2024-2032) (\$MN)

Table 36 Global Aircraft Interior Thermoplastics Market Outlook, By Cockpit Equipment (2024-2032) (\$MN)

Table 37 Global Aircraft Interior Thermoplastics Market Outlook, By Other Applications (2024-2032) (\$MN)

Table 38 Global Aircraft Interior Thermoplastics Market Outlook, By End User  
(2024-2032) (\$MN)

Table 39 Global Aircraft Interior Thermoplastics Market Outlook, By Original Equipment  
(OE) (2024-2032) (\$MN)

Table 40 Global Aircraft Interior Thermoplastics Market Outlook, By Aftermarket  
(2024-2032) (\$MN)

Table 41 Global Aircraft Interior Thermoplastics Market Outlook, By Other End Users  
(2024-2032) (\$MN)

Note: Tables for North America, Europe, APAC, South America, and Middle East & Africa Regions are also represented in the same manner as above.

## I would like to order

Product name: Aircraft Interior Thermoplastics Market Forecasts to 2032 – Global Analysis By Material Type (Polyetheretherketone (PEEK), Polycarbonate (PC), Polyphenylene Sulfide (PPS), Acrylonitrile Butadiene Styrene (ABS), Polyamide (PA), Polyvinyl Chloride (PVC), Polyetherimide (PEI), Polyphenylsulfone (PPSU), Polypropylene (PP), and Other Material Types), Aircraft Type, Form Type, Process Type, Application, End User and By Geography

Product link: <https://marketpublishers.com/r/A3BEB42ABA25EN.html>

Price: US\$ 4,150.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

[info@marketpublishers.com](mailto:info@marketpublishers.com)

## Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/A3BEB42ABA25EN.html>