+357 96 030922
info@marketpublishers.com

Global Aerospace Plastics Market Size Study, by Type (PEEK, PMMA, PC, PPS, ABS) by Aircraft Type (Commercial, General & Business, Military, Rotary) by Application (Cabin Windows & Windshield, Cabin Lighting, Overhead Storage Bins) and Regional Forecasts 2022-2032

https://marketpublishers.com/r/G10E0249C2FDEN.html
Date: January 2025
Pages: 285
Price: US$ 3,750.00 (Single User License)
ID: G10E0249C2FDEN

Abstracts

The Global Aerospace Plastics Market, valued at approximately USD 10.43 billion in 2023, is anticipated to grow at a compound annual growth rate (CAGR) of 7.10% over the forecast period 2024-2032. Aerospace plastics, known for their lightweight, high-performance characteristics, and resistance to extreme temperatures, are increasingly becoming indispensable in modern aviation. These materials contribute to fuel efficiency, reduced maintenance costs, and enhanced durability, making them a critical component in the manufacturing of aircraft interiors, exteriors, and structural components.

The growing emphasis on fuel economy and sustainable aviation is driving demand for innovative materials like PEEK (Polyether Ether Ketone), which is widely used in critical aerospace applications. Polycarbonate and PMMA (Polymethyl Methacrylate) are favored for cabin windows and windshields, while ABS (Acrylonitrile Butadiene Styrene) finds application in interior components. Despite their advantages, the high cost of advanced aerospace plastics and challenges associated with their recycling pose barriers to market growth.

Asia Pacific is emerging as a key growth driver in the aerospace plastics market, fueled by the region's expanding aviation sector, particularly in countries like China and India. Increasing air travel demand and rising investments in indigenous aircraft manufacturing

+357 96 030922
info@marketpublishers.com

projects are bolstering market growth in this region. North America and Europe, housing leading aerospace manufacturers and innovators, continue to dominate the market. Advancements in aircraft design, coupled with stringent regulatory frameworks promoting sustainable materials, are further propelling growth across these regions.

Market players are engaging in strategic collaborations and investing in R&D to develop next-generation aerospace plastics that meet evolving industry requirements. Lightweight thermoplastics and composites, tailored for specific aerospace applications, are gaining traction. Moreover, the push towards integrating recyclable and environmentally friendly materials into the supply chain reflects the industry's commitment to sustainability.

Major market players included in this report are:

Solvay S.A.

SABIC

BASF SE

Victrex PLC

Evonik Industries AG

DuPont de Nemours, Inc.

Ensinger GmbH

Mitsubishi Chemical Corporation

Toray Industries, Inc.

Hexcel Corporation

Owens Corning

Teijin Limited

Arkema S.A.

+357 96 030922
info@marketpublishers.com

RTP Company

Celanese Corporation

The detailed segments and sub-segments of the market are explained below:

By Type:

PEEK (Polyether Ether Ketone)

PMMA (Polymethyl Methacrylate)

PC (Polycarbonate)

PPS (Polyphenylene Sulfide)

ABS (Acrylonitrile Butadiene Styrene)

By Aircraft Type:

Commercial Aircraft

General & Business Aircraft

Military Aircraft

Rotary Aircraft

By Application:

Cabin Windows & Windshield

Cabin Lighting

Overhead Storage Bins

+357 96 030922
info@marketpublishers.com

By Region:

North America:

U.S.

Canada

Europe:

UK

Germany

France

Spain

Italy

Rest of Europe

Asia Pacific:

China

India

Japan

Australia

South Korea

Rest of Asia Pacific

+357 96 030922
info@marketpublishers.com

Latin America:

- Brazil
- Mexico

Middle East & Africa:

- Saudi Arabia
- South Africa
- Rest of Middle East & Africa

Years considered for the study are as follows:

- Historical Year: 2022
- Base Year: 2023
- Forecast Period: 2024 to 2032

Key Takeaways:

- Market Estimates & Forecast for 10 years, from 2022 to 2032.
- Annualized revenues and regional-level analysis for each market segment.
- Comprehensive insights into market dynamics, including drivers, challenges, and opportunities.
- Competitive landscape analysis with profiles of major players and their strategies.

+357 96 030922
info@marketpublishers.com

Analysis of emerging trends and technological advancements shaping the industry.

+357 96 030922
info@marketpublishers.com

Contents

+357 96 030922
info@marketpublishers.com

CHAPTER 3. GLOBAL AEROSPACE PLASTICS MARKET DYNAMICS

CHAPTER 4. GLOBAL AEROSPACE PLASTICS MARKET INDUSTRY ANALYSIS

+357 96 030922
info@marketpublishers.com

+357 96 030922
info@marketpublishers.com

+357 96 030922
info@marketpublishers.com

+357 96 030922
info@marketpublishers.com

+357 96 030922
info@marketpublishers.com

…
This list is not complete, the final report does contain more than 100 tables. The list may be updated in the final deliverable.

12. LIST OF FIGURES

…
This list is not complete, the final report does contain more than 50 figures. The list may be updated in the final deliverable.

+357 96 030922
info@marketpublishers.com

I would like to order

Product name: Global Aerospace Plastics Market Size Study, by Type (PEEK, PMMA, PC, PPS, ABS) by Aircraft Type (Commercial, General & Business, Military, Rotary) by Application (Cabin Windows & Windshield, Cabin Lighting, Overhead Storage Bins) and Regional Forecasts 2022-2032

Product link: https://marketpublishers.com/r/G10E0249C2FDEN.html

Price: US$ 3,750.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:
info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page https://marketpublishers.com/r/G10E0249C2FDEN.html