

# **Aerospace Materials Market - A Global and Regional Analysis: Focus on Aircraft Type, Type, and Country-Level Analysis - Analysis and Forecast, 2023-2033**

<https://marketpublishers.com/r/A699869A89EFEN.html>

Date: December 2023

Pages: 0

Price: US\$ 4,850.00 (Single User License)

ID: A699869A89EFEN

## **Abstracts**

This report will be delivered in 7-10 working days.

The global market for aerospace materials has undergone significant growth, propelled by various reasons and key driving factors. A primary contributor to this expansion is the continuous expansion and modernization of the aerospace industry. The rising demand for aircraft that are both more fuel-efficient and technologically advanced has created a heightened need for innovative materials capable of enhancing performance, reducing weight, and improving overall efficiency. Aerospace materials play a crucial role in the design and manufacturing of various aircraft components, spanning from structural elements to advanced composites utilized in aircraft interiors. This contributes to the overall development of lighter and more durable aircraft.

Advancements in material science and engineering have played a pivotal role in fuelling the growth of the aerospace materials market. Ongoing research and development endeavours have resulted in the creation of novel materials boasting improved strength-to-weight ratios, enhanced thermal resistance, and superior corrosion resistance, meeting the stringent requirements of the aerospace sector. The development of high-performance composites, titanium alloys, and advanced coatings has empowered manufacturers to enhance the structural integrity of aircraft while concurrently reducing their weight, ultimately leading to improved fuel efficiency. Furthermore, with aerospace companies prioritizing sustainability and environmental considerations, there is a growing focus on materials offering recycling capabilities and reduced environmental impact. These technological advancements and the pursuit of more eco-friendly materials are anticipated to persistently drive the growth of the global aerospace materials market in the foreseeable future.

## Market Segmentation:

### Segmentation 1: by Aircraft Type

Commercial Aircraft

Military Aircraft

Business and General Aviation

Helicopter

Others

### Segmentation 2: by Type

Aluminum Alloys

Titanium Alloys

Steel Alloys

Super Alloys

Composites

Others

### Segmentation 3: by Region

North America

Europe

Asia-Pacific

## Rest-of-the-World

Some prominent players established in this market are:

Toray Industries, Inc.

Hexcel

Lee Aerospace, Inc.

Solvay S.A.

Key Questions Answered in this Report:

What are the main factors driving the demand for global aerospace materials market?

What are the major patents filed by the companies active in the global aerospace materials market?

What are the strategies adopted by the key companies to gain a competitive edge in aerospace materials industry?

What is the futuristic outlook for the aerospace materials industry in terms of growth potential?

Which application, and product segment is expected to lead the market over the forecast period (2023-2033)?

Which region and country is expected to lead the market over the forecast period (2023-2033)?

## Contents

Executive Summary  
Scope and Definition  
Market and Product Definition  
Key Questions Answered  
Analysis and Forecast Note

### **1. MARKETS: INDUSTRY OUTLOOK**

1.1 Trends: Current and Future Impact Assessment  
1.2 Supply Chain Overview  
    1.2.1 Value Chain Analysis  
    1.2.2 Market Map  
    1.2.3 Pricing Forecast  
1.3 R&D Review  
    1.3.1 Patent Filing Trend by Country and by Company  
1.4 Regulatory Landscape  
1.5 Stakeholder Analysis  
    1.5.1 Use Case  
    1.5.2 End User and Buying Criteria  
1.6 Impact Analysis for Key Global Events- COVID-19, Russia/Ukraine or Middle East Crisis  
1.7 Market Dynamics Overview  
    1.7.1 Market Drivers  
    1.7.2 Market Restraints  
    1.7.3 Market Opportunities

### **2. APPLICATIONS**

2.1 Application Segmentation  
2.2 Application Summary  
2.3 Global Aerospace Materials Market (by Aircraft Type)  
    2.3.1 Commercial Aircraft  
    2.3.2 Military Aircraft  
    2.3.3 Business and General Aviation  
    2.3.4 Helicopter  
    2.3.5 Others

### 3. PRODUCTS

- 3.1 Product Segmentation
- 3.2 Product Summary
- 3.3 Global Aerospace Materials Market (by Type)
  - 3.3.1 Aluminum Alloys
  - 3.3.2 Titanium Alloys
  - 3.3.3 Steel Alloys
  - 3.3.4 Super Alloys
  - 3.3.5 Composites
  - 3.3.6 Others

### 4. REGIONS

- 4.1 Regional Summary
  - 4.1.1 Global Aerospace Materials Market, by Region, (Kilo Ton), 2022-2033
  - 4.1.2 Global Aerospace Materials Market, by Region, (\$ Million), 2022-2033
- 4.2 Drivers and Restraints
- 4.3 North America
  - 4.3.1 Key Market Participants in North America
  - 4.3.2 Business Drivers
  - 4.3.3 Business Challenges
  - 4.3.4 Applications
    - 4.3.4.1 North America Aerospace Materials Market, by Aircraft Type, (Kilo Ton), 2022-2033
    - 4.3.4.2 North America Aerospace Materials Market, by Aircraft Type, (\$ Million), 2022-2033
  - 4.3.5 Products
    - 4.3.5.1 North America Aerospace Materials Market, by Type, (Kilo Ton), 2022-2033
    - 4.3.5.2 North America Aerospace Materials Market, by Type, (\$ Million), 2022-2033
  - 4.3.6 North America Aerospace Materials Market (by Country)
    - 4.3.6.1 U.S.
      - 4.3.6.1.1 U.S. Aerospace Materials Market, by Aircraft Type, (Kilo Ton), 2022-2033
      - 4.3.6.1.2 U.S. Aerospace Materials Market, by Aircraft Type, (\$ Million), 2022-2033
      - 4.3.6.1.3 U.S. Aerospace Materials Market, by Type, (Kilo Ton), 2022-2033
      - 4.3.6.1.4 U.S. Aerospace Materials Market, by Type, (\$ Million), 2022-2033
    - 4.3.6.2 Canada
      - 4.3.6.2.1 Canada Aerospace Materials Market, by Aircraft Type, (Kilo Ton), 2022-2033

4.3.6.2.2 Canada Aerospace Materials Market, by Aircraft Type, (\$ Million),  
2022-2033

4.3.6.2.3 Canada Aerospace Materials Market, by Type, (Kilo Ton), 2022-2033

4.3.6.2.4 Canada Aerospace Materials Market, by Type, (\$ Million), 2022-2033

4.3.6.3 Mexico

4.3.6.3.1 Mexico Aerospace Materials Market, by Aircraft Type, (Kilo Ton),  
2022-2033

4.3.6.3.2 Mexico Aerospace Materials Market, by Aircraft Type, (\$ Million),  
2022-2033

4.3.6.3.3 Mexico Aerospace Materials Market, by Type, (Kilo Ton), 2022-2033

4.3.6.3.4 Mexico Aerospace Materials Market, by Type, (\$ Million), 2022-2033

4.4 Europe

4.4.1 Key Market Participants in Europe

4.4.2 Business Drivers

4.4.3 Business Challenges

4.4.4 Applications

4.4.4.1 Europe Aerospace Materials Market, by Aircraft Type, (Kilo Ton), 2022-2033

4.4.4.2 Europe Aerospace Materials Market, by Aircraft Type, (\$ Million), 2022-2033

4.4.5 Products

4.4.5.1 Europe Aerospace Materials Market, by Type, (Kilo Ton), 2022-2033

4.4.5.2 Europe Aerospace Materials Market, by Type, (\$ Million), 2022-2033

4.4.6 Europe Aerospace Materials Market (by Country)

4.4.6.1 Germany

4.4.6.1.1 Germany Aerospace Materials Market, by Aircraft Type, (Kilo Ton),  
2022-2033

4.4.6.1.2 Germany Aerospace Materials Market, by Aircraft Type, (\$ Million),  
2022-2033

4.4.6.1.3 Germany Aerospace Materials Market, by Type, (Kilo Ton), 2022-2033

4.4.6.1.4 Germany Aerospace Materials Market, by Type, (\$ Million), 2022-2033

4.4.6.2 France

4.4.6.2.1 France Aerospace Materials Market, by Aircraft Type, (Kilo Ton),  
2022-2033

4.4.6.2.2 France Aerospace Materials Market, by Aircraft Type, (\$ Million),  
2022-2033

4.4.6.2.3 France Aerospace Materials Market, by Type, (Kilo Ton), 2022-2033

4.4.6.2.4 France Aerospace Materials Market, by Type, (\$ Million), 2022-2033

4.4.6.3 Russia

4.4.6.3.1 Russia Aerospace Materials Market, by Aircraft Type, (Kilo Ton),  
2022-2033

- 4.4.6.3.2 Russia Aerospace Materials Market, by Aircraft Type, (\$ Million), 2022-2033
- 4.4.6.3.3 Russia Aerospace Materials Market, by Type, (Kilo Ton), 2022-2033
- 4.4.6.3.4 Russia Aerospace Materials Market, by Type, (\$ Million), 2022-2033
- 4.4.6.4 Spain
  - 4.4.6.4.1 Spain Aerospace Materials Market, by Aircraft Type, (Kilo Ton), 2022-2033
  - 4.4.6.4.2 Spain Aerospace Materials Market, by Aircraft Type, (\$ Million), 2022-2033
  - 4.4.6.4.3 Spain Aerospace Materials Market, by Type, (Kilo Ton), 2022-2033
  - 4.4.6.4.4 Spain Aerospace Materials Market, by Type, (\$ Million), 2022-2033
- 4.4.6.5 U.K.
  - 4.4.6.5.1 U.K. Aerospace Materials Market, by Aircraft Type, (Kilo Ton), 2022-2033
  - 4.4.6.5.2 U.K. Aerospace Materials Market, by Aircraft Type, (\$ Million), 2022-2033
  - 4.4.6.5.3 U.K. Aerospace Materials Market, by Type, (Kilo Ton), 2022-2033
  - 4.4.6.5.4 U.K. Aerospace Materials Market, by Type, (\$ Million), 2022-2033
- 4.4.6.6 Rest-of-Europe
  - 4.4.6.6.1 Rest-of-Europe Aerospace Materials Market, by Aircraft Type, (Kilo Ton), 2022-2033
  - 4.4.6.6.2 Rest-of-Europe Aerospace Materials Market, by Aircraft Type, (\$ Million), 2022-2033
  - 4.4.6.6.3 Rest-of-Europe Aerospace Materials Market, by Type, (Kilo Ton), 2022-2033
  - 4.4.6.6.4 Rest-of-Europe Aerospace Materials Market, by Type, (\$ Million), 2022-2033
- 4.5 Asia-Pacific
  - 4.5.1 Key Market Participants in Asia-Pacific
  - 4.5.2 Business Drivers
  - 4.5.3 Business Challenges
  - 4.5.4 Applications
    - 4.5.4.1 Asia-Pacific Aerospace Materials Market, by Aircraft Type, (Kilo Ton), 2022-2033
    - 4.5.4.2 Asia-Pacific Aerospace Materials Market, by Aircraft Type, (\$ Million), 2022-2033
  - 4.5.5 Products
    - 4.5.5.1 Asia-Pacific Aerospace Materials Market, by Type, (Kilo Ton), 2022-2033
    - 4.5.5.2 Asia-Pacific Aerospace Materials Market, by Type, (\$ Million), 2022-2033
  - 4.5.6 Asia-Pacific Aerospace Materials Market (by Country)
    - 4.5.6.1 China
      - 4.5.6.1.1 China Aerospace Materials Market, by Aircraft Type, (Kilo Ton), 2022-2033
      - 4.5.6.1.2 China Aerospace Materials Market, by Aircraft Type, (\$ Million), 2022-2033

4.5.6.1.3 China Aerospace Materials Market, by Type, (Kilo Ton), 2022-2033

4.5.6.1.4 China Aerospace Materials Market, by Type, (\$ Million), 2022-2033

4.5.6.2 Japan

4.5.6.2.1 Japan Aerospace Materials Market, by Aircraft Type, (Kilo Ton),  
2022-2033

4.5.6.2.2 Japan Aerospace Materials Market, by Aircraft Type, (\$ Million),  
2022-2033

4.5.6.2.3 Japan Aerospace Materials Market, by Type, (Kilo Ton), 2022-2033

4.5.6.2.4 Japan Aerospace Materials Market, by Type, (\$ Million), 2022-2033

4.5.6.3 India

4.5.6.3.1 India Aerospace Materials Market, by Aircraft Type, (Kilo Ton), 2022-2033

4.5.6.3.2 India Aerospace Materials Market, by Aircraft Type, (\$ Million), 2022-2033

4.5.6.3.3 India Aerospace Materials Market, by Type, (Kilo Ton), 2022-2033

4.5.6.3.4 India Aerospace Materials Market, by Type, (\$ Million), 2022-2033

4.5.6.4 South Korea

4.5.6.4.1 South Korea Aerospace Materials Market, by Aircraft Type, (Kilo Ton),  
2022-2033

4.5.6.4.2 South Korea Aerospace Materials Market, by Aircraft Type, (\$ Million),  
2022-2033

4.5.6.4.3 South Korea Aerospace Materials Market, by Type, (Kilo Ton), 2022-2033

4.5.6.4.4 South Korea Aerospace Materials Market, by Type, (\$ Million), 2022-2033

4.5.6.5 Rest-of-Asia-Pacific

4.5.6.5.1 Rest-of-Asia-Pacific Aerospace Materials Market, by Aircraft Type, (Kilo  
Ton), 2022-2033

4.5.6.5.2 Rest-of-Asia-Pacific Aerospace Materials Market, by Aircraft Type, (\$  
Million), 2022-2033

4.5.6.5.3 Rest-of-Asia-Pacific Aerospace Materials Market, by Type, (Kilo Ton),  
2022-2033

4.5.6.5.4 Rest-of-Asia-Pacific Aerospace Materials Market, by Type, (\$ Million),  
2022-2033

4.6 Rest-of-the-World

4.6.1 Key Market Participants in Rest-of-the-World

4.6.2 Business Drivers

4.6.3 Business Challenges

4.6.4 Applications

4.6.4.1 Rest-of-the-World Aerospace Materials Market, by Aircraft Type, (Kilo Ton),  
2022-2033

4.6.4.2 Rest-of-the-World Aerospace Materials Market, by Aircraft Type, (\$ Million),  
2022-2033



#### 4.6.5 Products

4.6.5.1 Rest-of-the-World Aerospace Materials Market, by Type, (Kilo Ton), 2022-2033

4.6.5.2 Rest-of-the-World Aerospace Materials Market, by Type, (\$ Million), 2022-2033

#### 4.6.6 Rest-of-the-World Aerospace Materials Market (by Region)

##### 4.6.6.1 Middle East and Africa

4.6.6.1.1 Middle East and Africa Aerospace Materials Market, by Aircraft Type, (Kilo Ton), 2022-2033

4.6.6.1.2 Middle East and Africa Aerospace Materials Market, by Aircraft Type, (\$ Million), 2022-2033

4.6.6.1.3 Middle East and Africa Aerospace Materials Market, by Type, (Kilo Ton), 2022-2033

4.6.6.1.4 Middle East and Africa Aerospace Materials Market, by Type, (\$ Million), 2022-2033

##### 4.6.6.2 South America

4.6.6.2.1 South America Aerospace Materials Market, by Aircraft Type, (Kilo Ton), 2022-2033

4.6.6.2.2 South America Aerospace Materials Market, by Aircraft Type, (\$ Million), 2022-2033

4.6.6.2.3 South America Aerospace Materials Market, by Type, (Kilo Ton), 2022-2033

4.6.6.2.4 South America Aerospace Materials Market, by Type, (\$ Million), 2022-2033

## 5. MARKETS – COMPETITIVE BENCHMARKING AND COMPANY PROFILES

### 5.1 Competitive Benchmarking

#### 5.2 Company Profiles

##### 5.2.1 Toray Industries, Inc.

###### 5.2.1.1 Overview

###### 5.2.1.2 Top Products / Product Portfolio

###### 5.2.1.3 Top Competitors

###### 5.2.1.4 Target Customers /End-Users

###### 5.2.1.5 Key Personnel

###### 5.2.1.6 Analyst View

###### 5.2.1.7 Market Share

##### 5.2.2 Solvay S.A.

###### 5.2.2.1 Overview

- 5.2.2.2 Top Products / Product Portfolio
- 5.2.2.3 Top Competitors
- 5.2.2.4 Target Customers /End-Users
- 5.2.2.5 Key Personnel
- 5.2.2.6 Analyst View
- 5.2.2.7 Market Share
- 5.2.3 Dupont De Nemours, Inc.
  - 5.2.3.1 Overview
  - 5.2.3.2 Top Products / Product Portfolio
  - 5.2.3.3 Top Competitors
  - 5.2.3.4 Target Customers /End-Users
  - 5.2.3.5 Key Personnel
  - 5.2.3.6 Analyst View
  - 5.2.3.7 Market Share
- 5.2.4 Alcoa Corporation
  - 5.2.4.1 Overview
  - 5.2.4.2 Top Products / Product Portfolio
  - 5.2.4.3 Top Competitors
  - 5.2.4.4 Target Customers /End-Users
  - 5.2.4.5 Key Personnel
  - 5.2.4.6 Analyst View
  - 5.2.4.7 Market Share
- 5.2.5 Teijin Limited
  - 5.2.5.1 Overview
  - 5.2.5.2 Top Products / Product Portfolio
  - 5.2.5.3 Top Competitors
  - 5.2.5.4 Target Customers /End-Users
  - 5.2.5.5 Key Personnel
  - 5.2.5.6 Analyst View
  - 5.2.5.7 Market Share
- 5.2.6 Constellium SE
  - 5.2.6.1 Overview
  - 5.2.6.2 Top Products / Product Portfolio
  - 5.2.6.3 Top Competitors
  - 5.2.6.4 Target Customers /End-Users
  - 5.2.6.5 Key Personnel
  - 5.2.6.6 Analyst View
  - 5.2.6.7 Market Share
- 5.2.7 Kobe Steel, Ltd.

- 5.2.7.1 Overview
- 5.2.7.2 Top Products / Product Portfolio
- 5.2.7.3 Top Competitors
- 5.2.7.4 Target Customers /End-Users
- 5.2.7.5 Key Personnel
- 5.2.7.6 Analyst View
- 5.2.7.7 Market Share
- 5.2.8 Novelis
  - 5.2.8.1 Overview
  - 5.2.8.2 Top Products / Product Portfolio
  - 5.2.8.3 Top Competitors
  - 5.2.8.4 Target Customers /End-Users
  - 5.2.8.5 Key Personnel
  - 5.2.8.6 Analyst View
  - 5.2.8.7 Market Share
- 5.2.9 Hexcel
  - 5.2.9.1 Overview
  - 5.2.9.2 Top Products / Product Portfolio
  - 5.2.9.3 Top Competitors
  - 5.2.9.4 Target Customers /End-Users
  - 5.2.9.5 Key Personnel
  - 5.2.9.6 Analyst View
  - 5.2.9.7 Market Share
- 5.2.10 Titanium Metals Corporation
  - 5.2.10.1 Overview
  - 5.2.10.2 Top Products / Product Portfolio
  - 5.2.10.3 Top Competitors
  - 5.2.10.4 Target Customers /End-Users
  - 5.2.10.5 Key Personnel
  - 5.2.10.6 Analyst View
  - 5.2.10.7 Market Share
- 5.2.11 Vsm-po-Avisma
  - 5.2.11.1 Overview
  - 5.2.11.2 Top Products / Product Portfolio
  - 5.2.11.3 Top Competitors
  - 5.2.11.4 Target Customers /End-Users
  - 5.2.11.5 Key Personnel
  - 5.2.11.6 Analyst View
  - 5.2.11.7 Market Share

#### 5.2.12 SGL Carbon

##### 5.2.12.1 Overview

##### 5.2.12.2 Top Products / Product Portfolio

##### 5.2.12.3 Top Competitors

##### 5.2.12.4 Target Customers /End-Users

##### 5.2.12.5 Key Personnel

##### 5.2.12.6 Analyst View

##### 5.2.12.7 Market Share

#### 5.2.13 Sofitec Aero

##### 5.2.13.1 Overview

##### 5.2.13.2 Top Products / Product Portfolio

##### 5.2.13.3 Top Competitors

##### 5.2.13.4 Target Customers /End-Users

##### 5.2.13.5 Key Personnel

##### 5.2.13.6 Analyst View

##### 5.2.13.7 Market Share

#### 5.2.14 Lee Aerospace, Inc.

##### 5.2.14.1 Overview

##### 5.2.14.2 Top Products / Product Portfolio

##### 5.2.14.3 Top Competitors

##### 5.2.14.4 Target Customers /End-Users

##### 5.2.14.5 Key Personnel

##### 5.2.14.6 Analyst View

##### 5.2.14.7 Market Share

#### 5.2.15 Thyssenkrupp Aerospace

##### 5.2.15.1 Overview

##### 5.2.15.2 Top Products / Product Portfolio

##### 5.2.15.3 Top Competitors

##### 5.2.15.4 Target Customers /End-Users

##### 5.2.15.5 Key Personnel

##### 5.2.15.6 Analyst View

##### 5.2.15.7 Market Share

#### 5.3 Other Key Market Participants

## 6. GROWTH OPPORTUNITIES AND RECOMMENDATIONS

## 7. RESEARCH METHODOLOGY

## I would like to order

Product name: Aerospace Materials Market - A Global and Regional Analysis: Focus on Aircraft Type, Type, and Country-Level Analysis - Analysis and Forecast, 2023-2033

Product link: <https://marketpublishers.com/r/A699869A89EFEN.html>

Price: US\$ 4,850.00 (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/A699869A89EFEN.html>

To pay by Wire Transfer, please, fill in your contact details in the form below:

First name:  
Last name:  
Email:  
Company:  
Address:  
City:  
Zip code:  
Country:  
Tel:  
Fax:  
Your message:

**\*\*All fields are required**

Customer signature \_\_\_\_\_

Please, note that by ordering from marketpublishers.com you are agreeing to our Terms & Conditions at <https://marketpublishers.com/docs/terms.html>

To place an order via fax simply print this form, fill in the information below and fax the completed form to +44 20 7900 3970

