

Titanium in The Global Aerospace Market: Trends, Opportunities and Competitive Analysis

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Abstracts

Aerospace Titanium Market Trends and Forecast

The global aerospace titanium market is expected to reach an estimated \$3.4 billion by 2027 with a CAGR of 9.2% from 2021 to 2027. The major drivers for this market are increasing deliveries of aircraft and the demand for lightweight titanium materials. There is continuous increasing trend of titanium usage per aircraft such as 4% in B747, 7% content in B777 and 15% in 787.

Aerospace Titanium Market by Aircraft, Alloy, and Application

Emerging Trends in the Aerospace Titanium Market

Emerging trends, which have a direct impact on the dynamics of the market, include developing technology to reduce production cost and increasing applications in aircraft.

A total of 73 figures/charts and 74 tables are provided in this 158-page report to help in your business decisions. Sample figures with some insights are shown below. To learn the scope, benefits, companies researched, and other details of the global aerospace titanium market report, please download the report brochure.

Aerospace Titanium Market by Segments

Aerospace Titanium Market by Segments

Lucintel forecasts that commercial aircraft will remain the largest segment, and it is also expected to witness the highest growth over the forecast period. The study includes a

forecast for the global aerospace titanium market by aircraft type, by alloy type, by application type, and region, as follows:

Aerospace Titanium Market by aircraft type [Value (\$ Million) and Volume (Million Pounds) from 2022 to 2027]-

Commercial Aircraft

Regional Aircraft

General Aviation

Helicopter

Military Aircraft

Aerospace Titanium Market by alloy type [Value (\$ Million) and Volume (Million Pounds) for 2021]-

Alpha

Alpha+Beta

Beta

Aerospace Titanium Market by application type [Value (\$ Million) and Volume (Million Pounds) from 2022 to 2027]-

Structure (airframe)

Engine

Other

Aerospace Titanium Market by Region [Value (\$ Million) and Volume (Million Pounds) from 2022 to 2027]

North America

US

Canada

Europe

France

Asia Pacific

China

Japan

The Rest of the World

List of Aerospace Titanium Companies

Companies in the market compete on the basis of product quality offered. Major players in this market focus on expanding their manufacturing facilities, R&D investments, infrastructural development, and leverage integration opportunities across the value chain. With these strategies aerospace titanium companies cater increasing demand, ensure competitive effectiveness, develop innovative products & technologies, reduce production costs, and expand their customer base. Some of the aerospace titanium companies profiled in this report includes.

Precision Castparts Corp

VSMPO-AVISMA Corporation

Allegheny Technologies Incorporated

Baoji Titanium Industry Co. Ltd.,

RTI International Metals, Inc

Kobelco Group

Aerospace Titanium Market Insights

Lucintel forecasts that structure (airframe) will remain the largest application and it is expected to witness the highest growth over the forecast period due to increased focus on weight reduction and fuel efficiency by aircraft manufacturers.

North America is expected to remain the largest region and witness the highest growth over the forecast period due to growth in aircraft deliveries and increasing demand for lightweight materials. The USA is highest contributor of titanium consumption in aerospace industry.

Features of the Global Aerospace titanium Market

Market Size Estimates: Global aerospace titanium market size estimation in terms of value (\$M) and volume (million units) shipment.

Trend and Forecast Analysis: Market trends (2016-2021) and forecast (2022-2027) by various segments.

Segmentation Analysis: Global aerospace titanium market size by various segments, such as by type in terms of value and volume.

Regional Analysis: Global aerospace titanium market breakdown by North America, Europe, Asia Pacific, and Rest of the World.

Growth Opportunities: Analysis of growth opportunities in different segments by a type and regions for the global aerospace titanium market.

Strategic Analysis: This includes M&A, new product development, and competitive landscape of the global aerospace titanium market.

Analysis of competitive intensity of the industry based on Porter's Five Forces model

FAQ

Q1. What is the aerospace titanium market size?

Answer: The global aerospace titanium market is expected to reach an estimated \$3.4 billion by 2027.

Q2. What is the growth forecast for aerospace titanium market?

Answer: The aerospace titanium market is expected to grow at a CAGR of 9.2% from 2022 to 2027.

Q3. What are the major drivers influencing the growth of the aerospace titanium market?

Answer: The major drivers for this market are increasing deliveries of aircraft and the demand for lightweight titanium materials.

Q4. What are the major type or end use industries for aerospace titanium?

Answer: Commercial aircraft is the major segment by aircraft type for aerospace titanium.

Q5. What are the emerging trends in aerospace titanium market?

Answer: Emerging trends, which have a direct impact on the dynamics of the industry, include developing technology to reduce production cost and increasing applications in aircraft.

Q6. Who are the key aerospace titanium companies?

Answer: Some of the key aerospace titanium companies are as follows:

Precision Castparts Corp

VSMPO-AVISMA Corporation

Allegheny Technologies Incorporated

Baoji Titanium Industry Co. Ltd.,

RTI International Metals, Inc

Kobelco Group

Q7. Which aerospace titanium product segment will be the largest in future?

Answer: Lucintel forecasts that structure (airframe) will remain the largest application and it is expected to witness the highest growth over the forecast period due to increased focus on weight reduction and fuel efficiency by aircraft manufacturers.

Q8. In aerospace titanium market, which region is expected to be the largest in next 5 years?

Answer: North America is expected to remain the largest region and witness the highest growth over the forecast period due to growth in aircraft deliveries and increasing demand for lightweight materials. The USA is highest contributor of titanium consumption in aerospace industry

Q9. Do we receive customization in this report?

Answer: Yes, Lucintel provides 10% Customization Without any Additional Cost.

This report answers following 11 key questions

Q.1 What are some of the most promising growth opportunities for the global aerospace titanium market by aircraft type (commercial aircraft, regional aircraft, general aviation, helicopters, and military aircraft), by alloy type (alpha, alpha+beta, and beta), by application type (structure, engine, and others), and region (North America, Europe, Asia Pacific, and the Rest of the World)?

Q.2 Which segments will grow at a faster pace and why?

Q.3 Which region will grow at a faster pace and why?

Q.4 What are the key factors affecting market dynamics? What are the drivers and challenges, and business risks in this market?

Q.5 What are the business risks and competitive threats in this market?

Q.6 What are the emerging trends in this market and the reasons behind them?

Q.7 What are some of the changing demands of customers in the market?

Q.8 What are the new developments in the market and which companies are leading these developments?

Q.9 Who are the major players in this market? What strategic initiatives are being taken by key players for business growth?

Q.10 What are some of the competing products in this market and how big of a threat do they pose for loss of market share by product substitution?

Q.11 What M&A activity has occurred in the last five years?

For any questions related to aerospace titanium market or related to aerospace titanium companies, aerospace titanium market share, aerospace titanium market analysis, aerospace titanium market size, write Lucintel analyst at email: helpdesk@lucintel.com. We will be glad to get back to you soon.

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