

Global Titanium Market Outlook to 2027

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Abstracts

Titanium is a lightweight, silver-gray metal. Having the highest strength-density ratio, titanium, in its pure form, could be as strong as steel but only about half as dense. It's high corrosion resistance, high melting point, high biocompatibility (highest among metals), high flexibility, combined with the above-mentioned benefits, make it a revolutionary discovery. The extraction from ore is the costliest process among its manufacturing processes, thereby affecting its pricing and demand.

According to BlueQuark Research & Consulting, the global titanium metal market is expected to witness a considerable growth rate during the forecast period. The major factors responsible for the global titanium metal market's growth would be increasing demand from the automotive and aviation industries and technological innovations in the medical field. However, ore availability and the costly extraction process act as restraints for the global titanium metal market.

North America and Asia-Pacific regions are expected to be the largest markets for global titanium metal, owing to the availability of cheaper raw materials in the form of ores and higher population-driven materialistic demands. The presence of a high number of manufacturing units in these regions is also likely to cause its effect.

The global titanium metal market is highly fragmented. Major players in the market were found to be TIMET, VSMPO-AVISMA Corporation, BaoTi, Toho Titanium, and ATI, among others.

Lockheed Martin's Blackbird SR-71, a spy plane built in the 1960s, could travel at about three times the speed of sound and phenomenal altitudes for a non-rocket powered aircraft. It is the fastest plane ever flown. It reached a record-breaking speed of 2193.2 mph and reached altitudes of about 85000 feet. It was recently revealed that almost the entire plane was built of titanium to give it a lightweight, enduring, high friction at such

speeds and extreme weather conditions at such altitudes.

On 16 October 2020, Titleist, a golf equipment manufacturer, announced a new ATI 425 Aerospace Titanium face construction, never used before in golf history. The result is the longest, straightest, best-looking, and best-sounding golf drivers ever made by the company - product to be available from November 2020 in the market.

GlobalTitanium Metal Market report provides deep insights into the current and future state of the titanium metal market across various regions. The study comprehensively analyzes the titanium metal market by segmenting based on type (Pure Titanium, and Titanium Based Alloys), application (Aerospace, Automotive, Marine, Industrial, Medical, and Others), and geography (Asia-Pacific, North America, Europe, South America, Middle-East and Africa). The report examines the market drivers and restraints, along with the impact of Covid-19 on market growth, in detail. The study covers & includes emerging market trends, developments, opportunities, and challenges in the industry. This report also covers extensively researched competitive landscape sections with profiles of major companies, including their market shares and projects.

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5.1.1

Pure

Titanium

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5.2.6 Others

Global Market Analysis

North America

United States of

Canada

Mexico

Europe

Germany

United Kingdom

France

Italy

Spain

Rest of Europe

Asia-Pacific

China

India

Japan

South Korea

Rest of Asia-Pacific

th America
Brazil
Argentina
est of South America
dle East & Africa
Saudi Arabia
outh Africa
est of Middle East & Africa

y Profiles

A
conducting

materials

Metals

um Material and Powder

urgical

es is not exhaustive

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