

Global Metal New Materials for Military Market Growth (Status and Outlook) 2023-2029

<https://marketpublishers.com/r/GD89ABCDF9CCEN.html>

Date: February 2023

Pages: 122

Price: US\$ 3,660.00 (Single User License)

ID: GD89ABCDF9CCEN

Abstracts

The report requires updating with new data and is sent in 48 hours after order is placed.

The new metal materials involved in the military industry mainly include electrolytic cobalt, rhenium, beryllium, carbon fiber, and titanium alloys. Among them, electrolytic cobalt is mainly used in the manufacture of high-temperature alloys, and is widely used in aircraft and rocket engines in the aerospace field. High-end titanium alloys are mainly used as aero engine blades, fuselage materials and aviation fasteners. 75% of the world's rhenium is used to make superalloys. Beryllium is a special functional material. In the military industry, beryllium is used in the inertial guidance systems of aerospace aircraft and missiles due to its dimensional stability and thermal expansion compatibility. Carbon fiber is a new material with strong tensile strength of carbon material and soft fiber processability. It has high modulus and low density. Its application in aerospace and other equipment can reduce the weight of the device and increase its effective load. It can also save energy and reduce emissions.

LPI (LP Information)' newest research report, the “Metal New Materials for Military Industry Forecast” looks at past sales and reviews total world Metal New Materials for Military sales in 2022, providing a comprehensive analysis by region and market sector of projected Metal New Materials for Military sales for 2023 through 2029. With Metal New Materials for Military sales broken down by region, market sector and sub-sector, this report provides a detailed analysis in US\$ millions of the world Metal New Materials for Military industry.

This Insight Report provides a comprehensive analysis of the global Metal New Materials for Military landscape and highlights key trends related to product segmentation, company formation, revenue, and market share, latest development, and

M&A activity. This report also analyzes the strategies of leading global companies with a focus on Metal New Materials for Military portfolios and capabilities, market entry strategies, market positions, and geographic footprints, to better understand these firms' unique position in an accelerating global Metal New Materials for Military market.

This Insight Report evaluates the key market trends, drivers, and affecting factors shaping the global outlook for Metal New Materials for Military and breaks down the forecast by type, by application, geography, and market size to highlight emerging pockets of opportunity. With a transparent methodology based on hundreds of bottom-up qualitative and quantitative market inputs, this study forecast offers a highly nuanced view of the current state and future trajectory in the global Metal New Materials for Military.

The global Metal New Materials for Military market size is projected to grow from US\$ million in 2022 to US\$ million in 2029; it is expected to grow at a CAGR of % from 2023 to 2029.

United States market for Metal New Materials for Military is estimated to increase from US\$ million in 2022 to US\$ million by 2029, at a CAGR of % from 2023 through 2029.

China market for Metal New Materials for Military is estimated to increase from US\$ million in 2022 to US\$ million by 2029, at a CAGR of % from 2023 through 2029.

Europe market for Metal New Materials for Military is estimated to increase from US\$ million in 2022 to US\$ million by 2029, at a CAGR of % from 2023 through 2029.

Global key Metal New Materials for Military players cover Toray, Mitsubishi Rayon, Toho Tenax, Hexcel, Formosa Plastics Corp, SGL, PCC, VSMPO-AVISMA and ATI, etc. In terms of revenue, the global two largest companies occupied for a share nearly % in 2022.

This report presents a comprehensive overview, market shares, and growth opportunities of Metal New Materials for Military market by product type, application, key players and key regions and countries.

Market Segmentation:

Segmentation by type

Electrolytic Cobalt

Rhenium

Beryllium

Carbon Fiber

Titanium Alloy

Segmentation by application

Aircraft Engine

Aviation Fasteners

Inertial Guidance System for Aircraft and Missiles

Aviation Structural Parts

Aerospace Heat Protection Material

Others

This report also splits the market by region:

Americas

United States

Canada

Mexico

Brazil

APAC

China

Japan

Korea

Southeast Asia

India

Australia

Europe

Germany

France

UK

Italy

Russia

Middle East & Africa

Egypt

South Africa

Israel

Turkey

GCC Countries

The below companies that are profiled have been selected based on inputs gathered

from primary experts and analyzing the company's coverage, product portfolio, its market penetration.

Toray

Mitsubishi Rayon

Toho Tenax

Hexcel

Formosa Plastics Corp

SGL

PCC

VSMPO-AVISMA

ATI

Carpenter

Alcoa

BAOTAI

Sumitomo Metal Mining

Nornickel

OM Group

Rhenium Alloys

Heraeus

KGHM Polska Miedz S.A.

Materion Corp

Ulba Metallurgical Plant

Fuyun Hengsheng Beryllium Industry

Northwest Rare Metal Materials Research Institute Ningxia Co.Ltd

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