

# Global Ultralight Magnesium-Lithium Alloys for Aerospace Supply, Demand and Key Producers, 2024-2030

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## Abstracts

The global Ultralight Magnesium-Lithium Alloys for Aerospace market size is expected to reach \$ million by 2030, rising at a market growth of % CAGR during the forecast period (2024-2030).

Magnesium lithium alloy is prepared by adding lithium as the main alloying element and a small amount of other alloying elements (such as aluminum, zinc, etc.) to magnesium metal. Magnesium lithium alloy is considered one of the lightest structural materials, generally containing 5wt% to 16wt% lithium, with a density of 1.35-1.65g/cm<sup>3</sup>. It is 1/4-1/3 lighter than ordinary magnesium alloy and 1/3-1/2 lighter than aluminum alloy, and is known as "ultra light alloy" in the industry. In addition to being ultra light, magnesium lithium alloys have a higher specific strength than aluminum alloys and plastics, comparable to ordinary magnesium alloys, and a higher specific modulus than commonly used magnesium alloys, aluminum alloys, and plastics. And the damping is large, more than ten times that of aluminum alloy, which can absorb impact energy, has good shock absorption and noise reduction effects, and also has outstanding performance in shielding electromagnetic interference.

This report studies the global Ultralight Magnesium-Lithium Alloys for Aerospace production, demand, key manufacturers, and key regions.

This report is a detailed and comprehensive analysis of the world market for Ultralight Magnesium-Lithium Alloys for Aerospace, and provides market size (US\$ million) and Year-over-Year (YoY) Growth, considering 2023 as the base year. This report explores demand trends and competition, as well as details the characteristics of Ultralight Magnesium-Lithium Alloys for Aerospace that contribute to its increasing demand

across many markets.

Highlights and key features of the study

Global Ultralight Magnesium-Lithium Alloys for Aerospace total production and demand, 2019-2030, (Tons)

Global Ultralight Magnesium-Lithium Alloys for Aerospace total production value, 2019-2030, (USD Million)

Global Ultralight Magnesium-Lithium Alloys for Aerospace production by region & country, production, value, CAGR, 2019-2030, (USD Million) & (Tons)

Global Ultralight Magnesium-Lithium Alloys for Aerospace consumption by region & country, CAGR, 2019-2030 & (Tons)

U.S. VS China: Ultralight Magnesium-Lithium Alloys for Aerospace domestic production, consumption, key domestic manufacturers and share

Global Ultralight Magnesium-Lithium Alloys for Aerospace production by manufacturer, production, price, value and market share 2019-2024, (USD Million) & (Tons)

Global Ultralight Magnesium-Lithium Alloys for Aerospace production by Type, production, value, CAGR, 2019-2030, (USD Million) & (Tons)

Global Ultralight Magnesium-Lithium Alloys for Aerospace production by Application production, value, CAGR, 2019-2030, (USD Million) & (Tons).

This reports profiles key players in the global Ultralight Magnesium-Lithium Alloys for Aerospace market based on the following parameters – company overview, production, value, price, gross margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include KUMZ, FMC, TRU, KASATANI, American Elements, Xi'an Sifang Ultralight Material, Zhengzhou Light Alloy Institute, Shanxi Bada Magnesium and China Alloy New Reserves, etc.

This report also provides key insights about market drivers, restraints, opportunities, new product launches or approvals.

Stakeholders would have ease in decision-making through various strategy matrices

used in analyzing the World Ultralight Magnesium-Lithium Alloys for Aerospace market.

Detailed Segmentation:

Each section contains quantitative market data including market by value (US\$ Millions), volume (production, consumption) & (Tons) and average price (US\$/Ton) by manufacturer, by Type, and by Application. Data is given for the years 2019-2030 by year with 2023 as the base year, 2024 as the estimate year, and 2025-2030 as the forecast year.

Global Ultralight Magnesium-Lithium Alloys for Aerospace Market, By Region:

United States

China

Europe

Japan

South Korea

ASEAN

India

Rest of World

Global Ultralight Magnesium-Lithium Alloys for Aerospace Market, Segmentation by Type

Lithium Content Below 5.7%

Lithium Content 5.7%-10.3%

Lithium Content Above 10.3%

## Global Ultralight Magnesium-Lithium Alloys for Aerospace Market, Segmentation by Application

Satellite

Military Aircraft

Unmanned Aerial Vehicle

Others

### Companies Profiled:

KUMZ

FMC

TRU

KASATANI

American Elements

Xi'an Sifang Ultralight Material

Zhengzhou Light Alloy Institute

Shanxi Bada Magnesium

China Alloy New Reserves

Beijing Huabei Light Alloy

Sichuan Union Shine New Energy Sci-Tech

RSM Group

## Key Questions Answered

1. How big is the global Ultralight Magnesium-Lithium Alloys for Aerospace market?
2. What is the demand of the global Ultralight Magnesium-Lithium Alloys for Aerospace market?
3. What is the year over year growth of the global Ultralight Magnesium-Lithium Alloys for Aerospace market?
4. What is the production and production value of the global Ultralight Magnesium-Lithium Alloys for Aerospace market?
5. Who are the key producers in the global Ultralight Magnesium-Lithium Alloys for Aerospace market?

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