

Global Aluminum Matrix Composites for Automotive Supply, Demand and Key Producers, 2023-2029

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Abstracts

The global Aluminum Matrix Composites for Automotive market size is expected to reach \$ 323.6 million by 2029, rising at a market growth of 6.6% CAGR during the forecast period (2023-2029).

With the electrification trend in the automotive industry, manufacturers are looking for ways to optimize the efficiency of electric motors. Using aluminum matrix composites can be effectively optimized for strength-to-weight ratio as well as sturdiness-to-weight ratio. This field has always been one of the most important civilian fields of aluminum matrix composites. Aluminum Matrix Composites are mainly used for automobile pistons, suspension arms, connecting rods, automobile engine cylinder blocks/cylinder heads, etc. Aluminum Matrix Composites account for nearly 16% of the automotive market. We expect that in the future, with the trend of lightweight new energy vehicles and environmental protection of materials, the application of Aluminum Matrix Composites will provide a broader market space. At that time, the automotive market will account for The ratio will exceed 19%.

At present, new energy vehicles are mainly driven by electricity, and the weight of the battery is about 250 kilograms. Lightweight vehicles and environmental protection are the main development directions of new energy vehicles. In the field of new energy vehicles, aluminum matrix composites are mainly used in automobile brake discs, engine parts, etc.

This report studies the global Aluminum Matrix Composites for Automotive production, demand, key manufacturers, and key regions.

This report is a detailed and comprehensive analysis of the world market for Aluminum



Matrix Composites for Automotive, and provides market size (US\$ million) and Year-over-Year (YoY) Growth, considering 2022 as the base year. This report explores demand trends and competition, as well as details the characteristics of Aluminum Matrix Composites for Automotive that contribute to its increasing demand across many markets.

Highlights and key features of the study

Global Aluminum Matrix Composites for Automotive total production and demand, 2018-2029, (Tons)

Global Aluminum Matrix Composites for Automotive total production value, 2018-2029, (USD Million)

Global Aluminum Matrix Composites for Automotive production by region & country, production, value, CAGR, 2018-2029, (USD Million) & (Tons)

Global Aluminum Matrix Composites for Automotive consumption by region & country, CAGR, 2018-2029 & (Tons)

U.S. VS China: Aluminum Matrix Composites for Automotive domestic production, consumption, key domestic manufacturers and share

Global Aluminum Matrix Composites for Automotive production by manufacturer, production, price, value and market share 2018-2023, (USD Million) & (Tons)

Global Aluminum Matrix Composites for Automotive production by Type, production, value, CAGR, 2018-2029, (USD Million) & (Tons)

Global Aluminum Matrix Composites for Automotive production by Application production, value, CAGR, 2018-2029, (USD Million) & (Tons)

This reports profiles key players in the global Aluminum Matrix Composites for Automotive 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 Alvant, Triton Systems, CPS Technologies, Grinm Metal, Anhui Xiangbang, Zhongke Composite and Yinbang, etc.



This report also provides key insights about market drivers, restraints, opportunities, new product launches or approvals, COVID-19 and Russia-Ukraine War Influence.

Stakeholders would have ease in decision-making through various strategy matrices used in analyzing the World Aluminum Matrix Composites for Automotive 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 2018-2029 by year with 2022 as the base year, 2023 as the estimate year, and 2024-2029 as the forecast year.

Global Aluminum Matrix Composites for Automotive Market, By Region:

China Europe Japan South Korea ASEAN India Rest of World	United States
Japan South Korea ASEAN India	China
South Korea ASEAN India	Europe
ASEAN India	Japan
India	South Korea
	ASEAN
Rest of World	India
	Rest of World

Global Aluminum Matrix Composites for Automotive Market, Segmentation by Type

Particle Reinforced

Fiber Reinforced



Global Aluminum Matrix Composites for Automotive Market, Segmentation by Application

Automotive Brake Disc

Automotive Piston

Automotive Connecting Rod

Engine Block/Cylinder Head

Automotive Suspension Arm

Others

Companies Profiled:

Alvant

Triton Systems

CPS Technologies

Grinm Metal

Anhui Xiangbang

Zhongke Composite

Yinbang

Key Questions Answered

1. How big is the global Aluminum Matrix Composites for Automotive market?

2. What is the demand of the global Aluminum Matrix Composites for Automotive market?

Global Aluminum Matrix Composites for Automotive Supply, Demand and Key Producers, 2023-2029



3. What is the year over year growth of the global Aluminum Matrix Composites for Automotive market?

4. What is the production and production value of the global Aluminum Matrix Composites for Automotive market?

5. Who are the key producers in the global Aluminum Matrix Composites for Automotive market?

6. What are the growth factors driving the market demand?



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