

# Global Aluminum Alloys for Automobiles Supply, Demand and Key Producers, 2023-2029

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## Abstracts

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

The auto industry uses aluminum for the vehicle frame and body, electrical wiring, wheels, lamps, paint, transmission, air conditioner condenser and pipes, engine parts (pistons, radiator, cylinder head) and magnets (for speedometers, tachometers and air bags). The main alloys for auto manufacturing include: 1100, 2024, 3003, 3004, 3105, 4032, 5005, 5052, 5083, 5182, 5251, 5754, 6016, 6061, 6181, 7003, and 7046. Aluminum is available in various formats and tempers which further benefit its popularity in the auto industry. All vehicles need a body structure that is rigid, to support weight and stress and to securely tie together all of the individual components. Aluminium is well suited for use in vehicular design, as its mechanical properties as well as its light weight make it the responsible and sustainable choice.

This report studies the global Aluminum Alloys for Automobiles production, demand, key manufacturers, and key regions.

This report is a detailed and comprehensive analysis of the world market for Aluminum Alloys for Automobiles, 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 Alloys for Automobiles that contribute to its increasing demand across many markets.

Highlights and key features of the study

Global Aluminum Alloys for Automobiles total production and demand, 2018-2029,



(Tons)

Global Aluminum Alloys for Automobiles total production value, 2018-2029, (USD Million)

Global Aluminum Alloys for Automobiles production by region & country, production, value, CAGR, 2018-2029, (USD Million) & (Tons)

Global Aluminum Alloys for Automobiles consumption by region & country, CAGR, 2018-2029 & (Tons)

U.S. VS China: Aluminum Alloys for Automobiles domestic production, consumption, key domestic manufacturers and share

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

Global Aluminum Alloys for Automobiles production by Type, production, value, CAGR, 2018-2029, (USD Million) & (Tons)

Global Aluminum Alloys for Automobiles production by Application production, value, CAGR, 2018-2029, (USD Million) & (Tons)

This reports profiles key players in the global Aluminum Alloys for Automobiles 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 Novelis, Alcoa, Hydro, Constellium N.V, AMG Advanced Metallurgical, UACJ Corporation, RIO Tinto, Kaiser and Aluminum Corporation of China Limited, 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 Alloys for Automobiles 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 Alloys for Automobiles Market, By Region:

United States
China
Europe
Japan
South Korea
ASEAN
India

Rest of World

Global Aluminum Alloys for Automobiles Market, Segmentation by Type

Cast Aluminum Alloy

**Rolled Aluminum Alloy** 

Extruded Aluminum Alloy

Global Aluminum Alloys for Automobiles Market, Segmentation by Application

Powertrain

Chassis and Suspension



Car Body

Others

**Companies Profiled:** 

Novelis

Alcoa

Hydro

Constellium N.V

AMG Advanced Metallurgical

**UACJ** Corporation

**RIO** Tinto

Kaiser

Aluminum Corporation of China Limited

Jiangsu Alcha Aluminium

Shandong Nanshan Aluminium

Mingtai Al

Apalt

Key Questions Answered

1. How big is the global Aluminum Alloys for Automobiles market?

2. What is the demand of the global Aluminum Alloys for Automobiles market?



3. What is the year over year growth of the global Aluminum Alloys for Automobiles market?

4. What is the production and production value of the global Aluminum Alloys for Automobiles market?

5. Who are the key producers in the global Aluminum Alloys for Automobiles market?

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



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