

**Global and China Aluminum Alloy  
Automotive Sheet Industry Report,  
2019-2025**

**Sep. 2019**

## STUDY GOAL AND OBJECTIVES

This report provides the industry executives with strategically significant competitor information, analysis, insight and projection on the competitive pattern and key companies in the industry, crucial to the development and implementation of effective business, marketing and R&D programs.

## REPORT OBJECTIVES

- ◆ To establish a comprehensive, factual, annually updated and cost-effective information base on market size, competition patterns, market segments, goals and strategies of the leading players in the market, reviews and forecasts.
- ◆ To assist potential market entrants in evaluating prospective acquisition and joint venture candidates.
- ◆ To complement the organizations' internal competitor information gathering efforts with strategic analysis, data interpretation and insight.
- ◆ To suggest for concerned investors in line with the current development of this industry as well as the development tendency.
- ◆ To help company to succeed in a competitive market, and

## METHODOLOGY

Both primary and secondary research methodologies were used in preparing this study. Initially, a comprehensive and exhaustive search of the literature on this industry was conducted. These sources included related books and journals, trade literature, marketing literature, other product/promotional literature, annual reports, security analyst reports, and other publications. Subsequently, telephone interviews or email correspondence was conducted with marketing executives etc. Other sources included related magazines, academics, and consulting companies.

## INFORMATION SOURCES

The primary information sources include Company Reports, and National Bureau of Statistics of China etc.

## Abstract

Global automobile sales reach at least 90 million units annually as people live a better life over recent years. A combination of factors like environment pollution, fuel economy and longer new energy vehicle range leads to a trend that automobiles are bound to be lightweight, which directly fuels demand for lightweight materials, especially aluminum alloy automotive sheets.

Global demand for aluminum alloy automotive sheet was on the rise between 2010 and 2018, at a CAGR of 16.6%. Europe, Americas and Japan, the major producers and consumers of aluminum alloy automotive sheets in the world, collectively occupied more than 50% of the global total demand. In this case, aluminum alloy automotive sheet companies worldwide raced to lavish more in capacity expansion to answer the downstream needs. By the end of 2018, global aluminum alloy automotive sheet capacity had surged by 24.1% on an annualized basis to 3.4 million tons a year, and will continue to grow in the forthcoming years, expectedly hitting 5.3 million tons in 2025.

As a fast-growing market of aluminum alloy automotive sheet across the globe, China has seen a higher share and a faster speed in its application of the material, which was driven by automotive lightweight trend, a result of both required reduction in fuel consumption and emission, and longer electric vehicle range. Using aluminum alloy sheets is a boon for automobile sales, which invigorates need for automotive aluminum materials.

The huge market potential is an enticement to Novelis, Kobelco, and Aleris and their kind to invest aluminum alloy automotive sheet projects in China. Chinese companies including Shandong Nanshan Aluminium Co., Ltd., Tianjin Zhongwang Aluminium Co., Ltd., Alnan Aluminium Co., Ltd., Weifang Sanyuan Aluminum Industry Co., Ltd., Southwest Aluminum (Group) Co., Ltd. and Henan Mingtai Aluminum Industry Co., Ltd., spend more on research and development of aluminum automotive sheets as well in the race. It is predicted that China's aluminum alloy automotive sheet capacity will be up to 1.5 million tons a year in 2025.

## Key Aluminum Alloy Automotive Sheet Projects in China, as of Aug 2019

Company	Time	Project Overview
<b>Novelis</b>	May 2018	Novelis announced investment of \$180 million to double its automotive aluminum body sheet capacity at its Changzhou facility in China to 220,000 tons per year.
<b>Shandong Nanshan Aluminium</b>	Aug 2019	The company announced to construct an automotive lightweight aluminum sheets/strips production line technology renovation project, with total investment of RMB1,564 million, including RMB1,460 million for construction and RMB104 million as liquidity. The project will add automotive lightweight aluminum sheets/strips capacity of 100,000 tons a year, after 24-month construction.
<b>Loften Group</b>	Jul 2018	Loften Group kicked off its "200,000 tons/year aluminum automotive sheets project" in Xining (National) Economic and Technological Development Zone. The project with planned investment of RMB1.6 billion in total, involves introducing two sets of air cushion type heat treatment machines and constructing two 200,000 tons/year automotive sheets production lines.
<b>Fujian Xiangxin Shares</b>	Nov 2018	The company's civil-military integration automotive specialty lightweight aluminum alloy project broke ground. The project with total investment of RMB7.0 billion, is constructed to manufacture battery trays, module end plates, truck crossbars, lightweight bodies and other components for new energy vehicles. The project's RMB3.5 billion invested Phase I covering an area of 200 mu (about 133,000 m <sup>2</sup> ) started construction in November 2018, and is due to become operational in 2019, with a designed annual capacity of 1.28 million battery trays and 75 million battery end plates for new energy vehicles.

Source: ResearchInChina

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Global and China Aluminum Alloy Automotive Sheet Industry Report, 2019-2025 highlights the following:

- Global aluminum alloy automotive sheet market (status, supply and demand, and development of key markets, e.g., Europe, Americas and Japan);
- China aluminum alloy automotive sheet market (policy, supply and demand, and competitive pattern);
- Global and China automobile markets and automotive aluminum markets;
- 8 global and 10 Chinese companies (operation, and aluminum alloy automotive sheet business).

### **1 Overview of Aluminum Alloy Automotive Sheet**

- 1.1 Product Introduction
- 1.2 Classification and Application
- 1.3 Industry Chain

### **2 Global Aluminum Alloy Automotive Sheet**

- 2.1 Overview
- 2.2 Production
- 2.3 Demand
  - 2.3.1 Demand Volume
  - 2.3.2 Demand Structure
  - 2.3.3 Major Customers
- 2.4 Major Countries/Regions
  - 2.4.1 North America
  - 2.4.2 Europe
  - 2.4.3 Japan
- 2.5 Enterprise Pattern

### **3 Development Environment of Aluminum Alloy Automotive Sheet in China**

- 3.1 Key Policies
- 3.2 Automotive Lightweight
  - 3.2.1 Material Lightweight
  - 3.2.2 Application of Aluminum Alloy in Automotive Lightweight
- 3.3 Status Quo of Aluminum Processing Industry

### **4. Chinese Aluminum Alloy Automotive Sheet Market**

- 4.1 Production
  - 4.1.1 Capacity
  - 4.1.2 Production Structure
  - 4.1.3 Key Projects
- 4.2 Demand
  - 4.2.1 Application
  - 4.2.2 Quantity Demanded
- 4.3 Competition
  - 4.3.1 Enterprise Competition
  - 4.3.2 Market Competition

### **5 Status Quo of Automobile Industry**

- 5.1 Production and Sale
  - 5.1.1 Global
  - 5.1.2 China
- 5.2 Major Automobile Manufacturers
  - 5.2.1 Global
  - 5.2.2 China
- 5.3 Automotive Aluminum

### **6 Major Global Aluminum Alloy Automotive Sheet Manufacturers**

- 6.1 ALCOA
  - 6.1.1 Profile
  - 6.1.2 Operation

- 6.1.3 Aluminum Alloy Automotive Sheet Business
- 6.1.4 Development in China
- 6.1.5 Dynamics
- 6.2 Constellium
  - 6.2.1 Profile
  - 6.2.2 Operation
- 6.2.3 Aluminum Alloy Automotive Sheet Business
- 6.2.4 Development in China
- 6.3 Norsk Hydro
  - 6.3.1 Profile
  - 6.3.2 Operation
- 6.3.3 Aluminum Alloy Automotive Sheet Business
- 6.3.4 Development in China
- 6.4 Aleris
  - 6.4.1 Profile
  - 6.4.2 Operation
- 6.4.3 Aluminum Alloy Automotive Sheet Business
- 6.4.4 Development in China
- 6.5 Novelis
  - 6.5.1 Profile
  - 6.5.2 Operation
- 6.5.3 Aluminum Alloy Automotive Sheet Business
- 6.6 Kobe Steel
  - 6.6.1 Profile
  - 6.6.2 Operation

- 6.6.3 Aluminum Alloy Automotive Sheet Business
- 6.6.4 Development in China
- 6.7 UACJ
  - 6.7.1 Profile
  - 6.7.2 Operation
- 6.7.3 Aluminum Alloy Automotive Sheet Business
- 6.7.4 Development in China
- 6.8 AMAG
  - 6.8.1 Profile
  - 6.8.2 Operation
- 6.8.3 Aluminum Alloy Automotive Sheet Business

### **7. Key Chinese Aluminum Alloy Automotive Sheet Manufacturers**

- 7.1 Weifang Sanyuan Aluminum Co., Ltd.
  - 7.1.1 Profile
  - 7.1.2 Aluminum Alloy Automotive Sheet Projects
- 7.2 Northeast Light Alloy Co., Ltd.
  - 7.2.1 Profile
  - 7.2.2 Operation
  - 7.2.3 Aluminum Alloy Automotive Sheet Business
- 7.3 Southwest Aluminum (Group) Co., Ltd.
  - 7.3.1 Profile
  - 7.3.2 Operation
  - 7.3.3 Aluminum Alloy Automotive Sheet Business
  - 7.3.4 Competitive Edge

7.4 Jiangsu CAIFA Aluminum Co., Ltd.

7.4.1 Profile

7.4.2 Operation

7.4.3 Aluminum Alloy Automotive Sheet Business

7.5 Jiangsu Alcha Aluminum Co., Ltd.

7.5.1 Profile

7.5.2 Operation

7.5.3 Aluminum Alloy Automotive Sheet Business

7.6 China Zhongwang Holdings Limited

7.6.1 Profile

7.6.2 Operation

7.6.3 Aluminum Alloy Automotive Sheet Business

7.7 Mingtai Aluminum Industry Co., Ltd.

7.7.1 Profile

7.7.2 Operation

7.7.3 Aluminum Alloy Automotive Sheet Business

7.8 Shandong Nanshan Aluminum Co., Ltd.

7.8.1 Profile

7.8.2 Operation

7.8.3 Aluminum Alloy Automotive Sheet Business

7.9 Alnan Aluminium Inc.

7.9.1 Profile

7.9.2 Operation

7.9.3 Aluminum Alloy Automotive Sheet Business

7.10 Henan Zhongfu Industrial Co., Ltd.

7.10.1 Profile

7.10.2 Aluminum Alloy Automotive Sheet Business

### **8 Summary and Forecast**


8.1 Market

8.2 Enterprise





Aluminum Alloy Automotive Sheets (Auto Parts)  
Components of Main Aluminum Alloy Automotive Sheets Globally  
Basic Components and Characteristics of 6000 Series and 5000 Series Aluminum Alloys  
Application of Aluminum Alloy in Automotive Covering Parts  
Aluminum Alloy Automotive Sheet Industry Chain  
History of Aluminum Alloy's Application in Automobile  
Weight of Aluminum/Cast Iron/Steel Auto Parts  
Main Applications of Aluminum Alloy Automotive Sheet  
Forming Property of Aluminum Alloy Sheet and Steel Sheet for Sedan Body  
Major Aluminum Alloy Automotive Sheet Projects Worldwide, 2019  
Global Aluminum Alloy Automotive Sheet Capacity, 2010-2025E  
Global Automobile Output, 2010-2025E  
Implementation Timeline of China's Motor Vehicle Emission Standards  
Diagram for Relationship between Mass and Fuel Consumption of Passenger Vehicle Worldwide  
Long-range Models Encouraged by China's New Energy Vehicle Subsidy Policy, 2017  
China's New Energy Vehicle Subsidies Based on Range, 2013-2018  
Approaches to Lightweight Vehicle  
Typical Applications of Aluminum Alloy in Lightweight Vehicle  
Major Global Automakers' Use of Aluminum Alloy Body  
Chinese Automakers' Use of Aluminum Alloy Body  
Increasingly Strict Requirements on Fuel Consumption and Carbon Emission in Major Countries  
Penetration of Aluminum Alloy in Auto Parts  
China's Output of Aluminum Processed Materials, 2008-2019  
China's Output of Aluminum Processed Materials by Product, 2008-2019  
China's Aluminum Alloy Automotive Sheet Capacity, 2009-2025E



Key Aluminum Alloy Automotive Sheet Projects in China, as of Aug 2019  
Usage of Aluminum per Lightweight Vehicle in North America, 1975-2028E  
Aluminum Alloy Consumption of Per Vehicle in China, 2006-2030E  
China's Demand for Aluminum Alloy Automotive Sheet, 2010-2025E  
China's Automobile Output by Model, 2012-2025E  
Aluminization of New Vehicles of Main Auto Brands  
Average Aluminum Consumption of Cars in North America  
Aluminum Consumption of 2015 F-150 by Part  
NIO ES8 All-aluminum Body Structure  
Revenue and Net Income of ALCOA, 2010-2018  
ALCOA's Sales in China, 2009-2018  
Development History of Constellium  
Main Production Bases of Constellium  
Sales of Constellium, 2010-2018  
Automotive Solutions of Constellium  
Sales and Net Income of Norsk Hydro, 2009-2018  
Businesses of Norsk Hydro  
Revenue Structure of Norsk Hydro by Region, 2018  
Aluminum Rolling Business Structure of Norsk Hydro by Field, 2018  
Main Production Bases and Capacity of Norsk Hydro's Aluminum Rolling Business, 2018  
Revenue and Net Income of Aleris, 2010-2018  
Revenue Structure of Aleris by Application Market, 2018  
Lewisport ABS Expansion Project of Aleris  
Revenue and Net Income of Novelis, FY2010-FY2019  
Aluminum Rolled Products Shipments Structure of Novelis by Business, FY2013-FY2019

Novelis' Aluminum Alloy Automotive Sheet Production Bases and Major Customers, 2018  
Sales and Net Income of Kobe Steel, FY2009-FY2018  
Main Products and Their Applications of Kobe Steel's Aluminum & Copper Business  
Development History of UACJ  
Business and Products of UACJ  
Capacity of UACJ Rayong Works, FY2014-FY2020E  
Medium-term Goals of UACJ (2018-2020)  
Global Network of AMAG  
Business Structure of AMAG  
Shipments and Revenue Breakdown of AMAG by Revenue, 2018  
AMAG 2020  
Output of Southwest Aluminum, 2011-2018  
Capacity of Southwest Aluminum's Aluminum Automotive Sheet Surface Pre-treatment Pilot Line  
Revenue and Net Income of Alcha Aluminium, 2009-2019  
Revenue Structure of Zhongwang Holdings, 2016-2019  
Sales Volume of Zhongwang Holdings by Business, 2016-2019  
Revenue and Net Income of Mingtai Aluminum, 2010-2019  
Operating Revenue Breakdown of Mingtai Aluminum, 2014-2019  
Operating Revenue Structure of Mingtai Aluminum, 2014-2019  
Purposes of Funds Mingtai Aluminum Raised by Non-public Offering of Shares in Proposal, 2017  
Operating Revenue Breakdown of Nanshan Aluminum by Product, 2014-2019  
Operating Revenue Structure of Nanshan Aluminum, 2014-2019  
Equity Structure of Guangxi Alnan Aluminum Processing Co., Ltd.  
Capacity of Guangxi Alnan Aluminum Processing Co., Ltd. before and after Technology Renovation  
Aluminum Alloy Automotive Sheet Capacity and Demand in China, 2012-2025E



China's Policies on Aluminum Alloy Automotive Sheet Industry, 2010-2019  
Limits on Average Fuel Consumption of Passenger Vehicle in China, 2015-2025E  
Performance and Application of Several Lightweight Materials  
Weight Reduction Effects of Common Lightweight Materials Compared with Low-carbon Steel  
Capacity of Major Aluminum Alloy Automotive Sheet Manufacturers in China, 2018  
Progress in Local Automotive Aluminum Sheet R&D in China  
Global Automobile Output by Region, 2012-2018  
Global Passenger Vehicle Output by Region, 2012-2018  
Global Commercial Vehicle Output by Region, 2012-2018  
China's New Energy Vehicle Output, 2013-2019  
Top 10 of Major Automakers Worldwide by sales volume, 2018  
Top10 Companies in China by Sales of Auto Model, 2018  
Top10 Passenger Vehicle Brands by Sales, 2018  
Sales Breakdown of ALCOA by Country, 2013-2018 (USD mln)  
Sales and After-tax Profit of ALCOA, 2011-2018  
Aluminum Rolling Factories and Products of ALCOA, 2018  
Major Customers and Products of ALCOA's Aluminum Alloy Automotive Sheet Business  
ALCOA's Revenue from Aluminum Alloy Automotive Sheet, 2013-2020E  
ALCOA's Factories and Business in China, 2018  
Shipments and Sales Breakdown of Constellium by Business, 2014-2018  
Aluminum Alloy Automotive Sheets of Constellium  
Aluminum Alloy Automotive Sheet R&D and Production Bases of Constellium  
Constellium's Production Bases in China  
Revenue Breakdown of Norsk Hydro by Business, 2014-2018  
Output of Norsk Hydro's Main Products, 2011-2018

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- Output of Norsk Hydro's Aluminum Alloy Automotive Sheet Production Bases, 2013-2018
- Aluminum Alloy Automotive Sheets and Their Applications of Norsk Hydro
- Norsk Hydro's Factories in China, 2018
- Global Production Bases of Aleris
- Revenue Breakdown of Aleris by Region, 2013-2018
- Major Competitors of Aleris by Region
- Major Customers and Competitors of Aleris' Aluminum Alloy Automotive Sheets
- Main Production Bases and Distribution of Novelis
- Novelis' Shipments of Aluminum Rolled Products by Region, FY2015-FY2019
- Novelis' Aluminum Alloy Automotive Sheets and Their Applications
- Novelis' Automotive Aluminum Sheet Capacity Worldwide, 2019
- Sales Breakdown of Kobe Steel by Business, FY2013-FY2018
- Sales of Kobe Steel's Aluminum & Copper Business by Product, FY2014-FY2018
- Kobe Steel's Production Bases in China for Aluminum & Copper Business, 2018
- Key Economic Indicators of UACJ, FY2013-FY2018
- Sales Breakdown of UACJ by Business, FY2013-FY2018
- Performance Indicators of Furukawa-sky's Aluminum Alloy Automotive Sheet
- Performance Indicators of Sumitomo Light Metal's Aluminum Alloy Automotive Sheet
- Hardness of Sumitomo Light Metal's SG112-T4A Automotive Aluminum Sheet and Common Aluminum Sheet
- UACJ's Factories in China, 2015
- UACJ's Global Supply Network for Automotive Heat Exchanger Materials
- Key Economic Indicators of AMAG, 2012-2018
- Revenue Breakdown of AMAG by Place of Origin, 2018
- Application of AMAG's Aluminum Products in Automobile
- Major Aluminum Alloy Automotive Sheet Projects of Sanyuan Aluminum

Capacity of Northeast Light Alloy's Main Products, 2015

Applications and Customers of Main Products of Northeast Light Alloy

Affiliated Enterprises and Business of Northeast Light Alloy

Aluminum Alloy Automotive Sheet Series of Northeast Light Alloy

Performance Comparison between Northeast Light Alloy's Aluminum Alloy Automotive Sheet and Foreign Products

Aluminum Alloy Plate and Strip Projects of Northeast Light Alloy

Revenue and Net Income of CAIFA Aluminum, 2011-2015

Revenue of Zhongwang Holdings by Business, 2016-2019

Mingtai Aluminum's 200,000 t/a High-precision Traffic-dedicated Aluminum Sheet/Strip Project

Revenue and Net Income of Nanshan Aluminum, 2014-2019

Revenue and Net Income of Zhongfu Industrial, 2010-2019

Automotive Aluminum Sheets of Zhongfu Industrial

Revenue and YoY Growth of Major Aluminum Alloy Automotive Sheet Manufacturers Worldwide, 2018

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