

Global Aluminum Grain Refiners and Modifiers Market 2026 by Manufacturers, Regions, Type and Application, Forecast to 2032

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Abstracts

According to our (Global Info Research) latest study, the global Aluminum Grain Refiners and Modifiers market size was valued at US\$ 1142 million in 2025 and is forecast to a readjusted size of US\$ 1514 million by 2032 with a CAGR of 4.1% during review period.

Aluminum Grain Refiners and Modifiers are aluminum-based master alloys or additives used to control the microstructure of aluminum and aluminum alloy melts. Grain refiners?exemplified by systems such as Al-Ti-B and Al-Ti-C?are used to refine primary ?-Al grains and reduce the formation of columnar crystals and the tendency for hot cracking. Modifiers?exemplified by systems such as Al-Sr, Al-Sb, and Al-Na?are used to alter the morphology of eutectic silicon in Al-Si alloys, transforming coarse plate-like or acicular silicon into fine fibrous or granular structures, thereby enhancing casting performance, mechanical properties, and processing stability.

Upstream raw materials primarily include electrolytic aluminum, aluminum ingots or molten aluminum, and sources of titanium, boron, strontium, antimony, and sodium, as well as reaction aids such as sodium salts and fluoride salts. Aluminum serves as the matrix material and determines the primary cost; titanium and boron are used to form nucleating phases like Al?Ti and TiB?, making them critical components of Al-Ti-B grain refiners; strontium, antimony, and sodium are primarily used to modify eutectic silicon in Al-Si alloys. The midstream sector involves the smelting, reaction, refining, and casting of master alloys, followed by rolling or extrusion into rods, cutting into segments, or ingot production. The downstream sector comprises enterprises engaged in aluminum processing, aluminum casting, recycled aluminum production, and the manufacture of sheet, strip, and foil, profiles, automotive aluminum alloys, and Al-Si castings.

In 2025, global sales volume is projected to be approximately 300,000 tons, with a global average market price of around US\$3,700 per ton; the gross profit margin for major manufacturers in the industry ranges from approximately 10% to 22%.

This report is a detailed and comprehensive analysis for global Aluminum Grain Refiners and Modifiers market. Both quantitative and qualitative analyses are presented by manufacturers, by region & country, by Type and by Application. As the market is constantly changing, this report explores the competition, supply and demand trends, as well as key factors that contribute to its changing demands across many markets. Company profiles and product examples of selected competitors, along with market share estimates of some of the selected leaders for the year 2025, are provided.

Key Features:

Global Aluminum Grain Refiners and Modifiers market size and forecasts, in consumption value (\$ Million), sales quantity (Tons), and average selling prices (US\$/Ton), 2021-2032

Global Aluminum Grain Refiners and Modifiers market size and forecasts by region and country, in consumption value (\$ Million), sales quantity (Tons), and average selling prices (US\$/Ton), 2021-2032

Global Aluminum Grain Refiners and Modifiers market size and forecasts, by Type and by Application, in consumption value (\$ Million), sales quantity (Tons), and average selling prices (US\$/Ton), 2021-2032

Global Aluminum Grain Refiners and Modifiers market shares of main players, shipments in revenue (\$ Million), sales quantity (Tons), and ASP (US\$/Ton), 2021-2026

The Primary Objectives in This Report Are:

To determine the size of the total market opportunity of global and key countries

To assess the growth potential for Aluminum Grain Refiners and Modifiers

To forecast future growth in each product and end-use market

To assess competitive factors affecting the marketplace

This report profiles key players in the global Aluminum Grain Refiners and Modifiers market based on the following parameters - company overview, sales quantity, revenue, price, gross margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include AMG Aluminum, KBM Affilips, Aleastur, Pyrotek, Minex Metallurgical, MQP, Milward Alloys, Avon Metals, Zimalco, Shenzhen Sunxing Light Alloys, etc.

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

Market Segmentation

Aluminum Grain Refiners and Modifiers market is split by Type and by Application. For the period 2021-2032, the growth among segments provides accurate calculations and forecasts for consumption value by Type, and by Application in terms of volume and value. This analysis can help you expand your business by targeting qualified niche markets.

Market segment by Type

Grain Refiner

Modifier

Market segment by Composition System

Al-Ti-B

Al-Ti-C

Al-Sr

Al-Sb

Other

Market segment by Product Form

Coiled Rod

Cut Rod

Waffle Ingot

Other

Market segment by Application

Aluminum Castings

Aluminum Sheet, Strip, and Foil

Aluminum Profiles

Aluminum Wire Rods

Others

Major players covered

AMG Aluminum

KBM Affilips

Aleatur

Pyrotek

Minex Metallurgical

MQP

Milward Alloys

Avon Metals

Zimalco

Shenzhen Sunxing Light Alloys

Lizhong Group

DONGSHENG

Huachuang Metal

Sichuan Lande

Jiangsu Huaqi Aluminum Technology

Market segment by region, regional analysis covers

North America (United States, Canada, and Mexico)

Europe (Germany, France, United Kingdom, Russia, Italy, and Rest of Europe)

Asia-Pacific (China, Japan, Korea, India, Southeast Asia, and Australia)

South America (Brazil, Argentina, Colombia, and Rest of South America)

Middle East & Africa (Saudi Arabia, UAE, Egypt, South Africa, and Rest of Middle East & Africa)

The content of the study subjects, includes a total of 15 chapters:

Chapter 1, to describe Aluminum Grain Refiners and Modifiers product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of Aluminum Grain Refiners and Modifiers, with price, sales quantity, revenue, and global market share of

Aluminum Grain Refiners and Modifiers from 2021 to 2026.

Chapter 3, the Aluminum Grain Refiners and Modifiers competitive situation, sales quantity, revenue, and global market share of top manufacturers are analyzed emphatically by landscape contrast.

Chapter 4, the Aluminum Grain Refiners and Modifiers breakdown data are shown at the regional level, to show the sales quantity, consumption value, and growth by regions, from 2021 to 2032.

Chapter 5 and 6, to segment the sales by Type and by Application, with sales market share and growth rate by Type, by Application, from 2021 to 2032.

Chapter 7, 8, 9, 10 and 11, to break the sales data at the country level, with sales quantity, consumption value, and market share for key countries in the world, from 2021 to 2026. and Aluminum Grain Refiners and Modifiers market forecast, by regions, by Type, and by Application, with sales and revenue, from 2027 to 2032.

Chapter 12, market dynamics, drivers, restraints, trends, and Porters Five Forces analysis.

Chapter 13, the key raw materials and key suppliers, and industry chain of Aluminum Grain Refiners and Modifiers.

Chapter 14 and 15, to describe Aluminum Grain Refiners and Modifiers sales channel, distributors, customers, research findings and conclusion.

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