

Global Aluminum Magnesium Scandium (AlMgSc) Alloy Powder 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 Magnesium Scandium (AlMgSc) Alloy Powder market size was valued at US\$ 26.65 million in 2025 and is forecast to a readjusted size of US\$ 39.53 million by 2032 with a CAGR of 5.9% during review period.

In 2025, global AlMgSc Alloy Powder production reached approximately 470 tons, with an average global market price of around US\$55 per kilogram. Aluminum magnesium scandium alloy (AlMgSc) is a new type of high-performance alloy material made of metal aluminum as the base material, metal magnesium as the main added element, and a trace amount of metal scandium. AlMgSc alloy powder is usually used as raw material for additive manufacturing and is ultimately used in the fields of automotive, new energy, ships, aviation, aerospace, etc.

The global market for Aluminum Magnesium Scandium (AlMgSc) alloy powder is in an early growth phase, driven by cutting-edge demand. Its current development status is as a key material for high-end additive manufacturing (3D printing), primarily used in aerospace, defense, and high-end automotive sectors to achieve extreme lightweighting and performance enhancement. The development trend clearly points towards deep integration with additive manufacturing technology, which is driving increased demand for high-performance, custom alloy powders. Growth opportunities stem from the strong demand for lightweight materials in electric vehicles and aerospace under global decarbonization pressures, as well as strategic concerns regarding supply chain security for new materials. However, a major obstacle lies in the extremely fragile and costly supply chain for scandium, the key raw material. Scandium is typically obtained as a by-product of other mining activities, resulting in limited production and significant

price volatility, which severely restricts the scaled production and application of the alloy powder. Furthermore, stringent industry certifications and lengthy R&D cycles also pose significant technical barriers to market entry.

This report is a detailed and comprehensive analysis for global Aluminum Magnesium Scandium (AlMgSc) Alloy Powder 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 Magnesium Scandium (AlMgSc) Alloy Powder market size and forecasts, in consumption value (\$ Million), sales quantity (Tons), and average selling prices (US\$/Kg), 2021-2032

Global Aluminum Magnesium Scandium (AlMgSc) Alloy Powder market size and forecasts by region and country, in consumption value (\$ Million), sales quantity (Tons), and average selling prices (US\$/Kg), 2021-2032

Global Aluminum Magnesium Scandium (AlMgSc) Alloy Powder market size and forecasts, by Type and by Application, in consumption value (\$ Million), sales quantity (Tons), and average selling prices (US\$/Kg), 2021-2032

Global Aluminum Magnesium Scandium (AlMgSc) Alloy Powder market shares of main players, shipments in revenue (\$ Million), sales quantity (Tons), and ASP (US\$/Kg), 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 Magnesium Scandium (AlMgSc) Alloy Powder

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 Magnesium Scandium (AlMgSc) Alloy Powder 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 RUSAL, APWORKS GmbH, Henan Billions Chemicals, Oriental Scandium, etc.

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

Market Segmentation

Aluminum Magnesium Scandium (AlMgSc) Alloy Powder 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

Sc 0.3%

Market segment by Particle Size

Particle Size

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