

Global High-Purity Ammonium Perrhenate (APR) 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 High-Purity Ammonium Perrhenate (APR) market size was valued at US\$ 18.01 million in 2025 and is forecast to a readjusted size of US\$ 25.63 million by 2032 with a CAGR of 5.4% during review period.

In 2025, global Ammonium perrhenate (APR) production reached approximately 25 tons, with an average global market price of around US\$700 per kilogram. Ammonium perrhenate (APR) is the ammonium salt of perrhenic acid, NH_4ReO_4 . It is the most common form in which rhenium is traded. It is a white salt; soluble in ethanol and water, and mildly soluble in NH_4Cl . The purity of high-purity ammonium rhenate should be above 99.99%, and the rhenium metal content is greater than 69.4%.

The global market for High-Purity Ammonium Perrhenate (APR) is primarily driven by the demand from high-tech industries such as aerospace and electronics manufacturing. The market landscape is currently characterized by dominance from a limited number of international players, while companies in countries like China are actively entering the field by advancing technologies for rhenium resource recovery and value-added utilization. For instance, the Chinese company Saisi has completed the debugging of a high-purity APR production line in Jilin and successfully produced products. APR serves as a critical precursor for manufacturing high-performance rhenium-based catalysts and nickel-based superalloys, which are essential components in petroleum refining, aerospace engines, and semiconductor fabrication. In terms of trends, the Asia-Pacific region, particularly China, is emerging as the fastest-growing market, fueled by its robust electronics supply chain and sustained investments in the aerospace sector. Furthermore, increasing emphasis is placed on circular economy

technologies focused on recovering rhenium from spent catalysts and alloys, which helps mitigate supply risks associated with rhenium's rarity and enhances industry sustainability. Growth opportunities for the market are closely linked to the global energy transition, encompassing the need for more efficient petrochemical catalysts, next-generation superalloys for aerospace engines, and novel catalytic applications in areas like hydrogen production. However, significant challenges persist. The supply chain faces vulnerability due to the high geographical concentration of primary rhenium production and associated geopolitical sensitivities, leading to potential price volatility and supply instability. Additionally, the production of APR involves high technical and capital barriers. Finally, the cyclical nature of key downstream industries, such as aerospace, can indirectly impact the stability of market growth.

This report is a detailed and comprehensive analysis for global High-Purity Ammonium Perrhenate (APR) 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 High-Purity Ammonium Perrhenate (APR) market size and forecasts, in consumption value (\$ Million), sales quantity (Tons), and average selling prices (US\$/Kg), 2021-2032

Global High-Purity Ammonium Perrhenate (APR) market size and forecasts by region and country, in consumption value (\$ Million), sales quantity (Tons), and average selling prices (US\$/Kg), 2021-2032

Global High-Purity Ammonium Perrhenate (APR) 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 High-Purity Ammonium Perrhenate (APR) 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 High-Purity Ammonium Perrhenate (APR)
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 High-Purity Ammonium Perrhenate (APR) 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 Molymet, KGHM, Hoganas, Kohsei, Xuzhou Haotong New Materials, Guangxi Jinchuan Nonferrous Metals, Jiangxi Copper, CHINA RHENIUM, Rheniumet Ltd, Hunan Yuanji New Materials, etc.

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

Market Segmentation

High-Purity Ammonium Perrhenate (APR) 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

Purity ?99.99% (4N)

Purity ?99.999% (5N)

Market segment by Application

Catalyst

High Temperature Alloy

Metal Rhenate

Others

Major players covered

Molymet

KGHM

Hoganas

Kohsei

Xuzhou Haotong New Materials

Guangxi Jinchuan Nonferrous Metals

Jiangxi Copper

CHINA RHENIUM

Rheniumet Ltd

Hunan Yuanji New Materials

Changsha Halin Chemical 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 High-Purity Ammonium Perrhenate (APR) product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of High-Purity Ammonium Perrhenate (APR),

with price, sales quantity, revenue, and global market share of High-Purity Ammonium Perrhenate (APR) from 2021 to 2026.

Chapter 3, the High-Purity Ammonium Perrhenate (APR) competitive situation, sales quantity, revenue, and global market share of top manufacturers are analyzed emphatically by landscape contrast.

Chapter 4, the High-Purity Ammonium Perrhenate (APR) 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 High-Purity Ammonium Perrhenate (APR) 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 High-Purity Ammonium Perrhenate (APR).

Chapter 14 and 15, to describe High-Purity Ammonium Perrhenate (APR) sales channel, distributors, customers, research findings and conclusion.

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