

Global High Purity Rare Earth Fluorides 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 Rare Earth Fluorides market size was valued at US\$ 247 million in 2025 and is forecast to a readjusted size of US\$ 356 million by 2032 with a CAGR of 5.4% during review period.

High-purity rare-earth fluorides are compounds formed by the combination of lanthanides (along with yttrium and scandium) and fluorine, typically boasting a purity of 99.99% or higher. Combining the unique properties of rare earths with the excellent optical, electrical, and thermodynamic characteristics of fluorides, they serve as core raw materials for the manufacture of high-end semiconductors, optical fibers, and luminescent materials.

Upstream raw materials primarily include rare-earth precursors?such as oxides, carbonates, hydroxides, chlorides, and nitrates?and fluorinating agents like hydrofluoric acid, ammonium fluoride, ammonium bifluoride, and sodium fluoride. The production of high-purity grades also relies on high-purity acids and bases, deionized water, precipitants, dispersants, filtration media, and clean packaging materials. Factors such as the purity of the rare-earth feedstock, the control of impurities (e.g., iron, calcium, silicon, aluminum, and sodium), and process parameters?including fluorination, washing, drying, calcination, and particle size control?directly influence product purity, oxygen and moisture content, particle size distribution, and stability in end-use applications.

Global sales volume is projected to reach approximately 3,000 tons in 2025, with a prevailing ex-factory price of roughly US\$75?90 per kilogram and gross profit margins for leading manufacturers ranging from 25% to 40%.

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

Global High Purity Rare Earth Fluorides 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 Rare Earth Fluorides 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 Rare Earth Fluorides 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 Rare Earth Fluorides

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 Rare Earth Fluorides 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 China Northern Rare Earth, Qiandong Rare Earth Group, Jiangxi Shilei Fluorine Materials, Sichuan Wonaixi New Materials, Ganzhou Zhanhai New Materials, Fujian Jinlong Rare Earth, Materion, Lorad Chemical, Mitsui Kinzoku, etc.

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

Market Segmentation

High Purity Rare Earth Fluorides 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

Lanthanum Fluoride

Cerium Fluoride

Neodymium Fluoride

Gadolinium Fluoride

Other

Market segment by Purity Grade

4N

5N

6N

Other

Market segment by Application

Rare-Earth Metal Smelting

Optical Coating Materials

Laser Crystal Materials

Luminescent and Scintillation Materials

Others

Major players covered

China Northern Rare Earth

Qiandong Rare Earth Group

Jiangxi Shilei Fluorine Materials

Sichuan Wonaixi New Materials

Ganzhou Zhanhai New Materials

Fujian Jinlong Rare Earth

Materion

Lorad Chemical

Mitsui Kinzoku

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 Rare Earth Fluorides product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of High Purity Rare Earth Fluorides, with price, sales quantity, revenue, and global market share of High Purity Rare Earth Fluorides from 2021 to 2026.

Chapter 3, the High Purity Rare Earth Fluorides competitive situation, sales quantity, revenue, and global market share of top manufacturers are analyzed emphatically by landscape contrast.

Chapter 4, the High Purity Rare Earth Fluorides 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 Rare Earth Fluorides 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 Rare Earth Fluorides.

Chapter 14 and 15, to describe High Purity Rare Earth Fluorides sales channel, distributors, customers, research findings and conclusion.

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