

# Global Refractory Metals Supply, Demand and Key Producers, 2026-2032

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## Abstracts

The global Refractory Metals market size is expected to reach \$ 1728 million by 2032, rising at a market growth of 2.1% CAGR during the forecast period (2026-2032).

Refractory metals have one characteristic in common: an exceptionally high melting point. Tungsten, for example, melts at 3410oC (6170oF), which is more than double that of iron and ten times that of lead. As a group, they are found in one section of the periodic table of elements. Although there are twelve refractory metals, only five are widely used: Tungsten, Molybdenum, Niobium, Tantalum and Rhenium. All but Rhenium have a body-centered cubic structure. Despite the fact that refractory metals have many similar qualities-such as high density, resistance to wear and corrosion-each metal is different in its own way, providing each with its own individual combination of qualities. Many of these individual qualities are rather unique, such as an ability to combine with gases and then release them under heat. Alloys containing varying amounts of refractory metals are vital to virtually every major industry, including automotive, mining, aerospace, chemical and petroleum processing, electrical and electronics, medical electronics and prosthetics, metal processing, nuclear technology and ordnance.

Global Refractory Metals key players include Xiamen Tungsten, CMOC, Molymet, H.C. Starck, A.L.M.T., etc. China is the largest market, with a share about 40%, followed by North America, with a share about 30 percent. In terms of product, Molybdenum Meta is the largest segment, with a share about 50%. And in terms of application, the largest application is Steel Industry, followed by Electronics and Electrical Industry, Carbide Tools and Wear Parts, and Aerospace.

This report studies the global Refractory Metals production, demand, key

manufacturers, and key regions.

This report is a detailed and comprehensive analysis of the world market for Refractory Metals and provides market size (US\$ million) and Year-over-Year (YoY) Growth, considering 2025 as the base year. This report explores demand trends and competition, as well as details the characteristics of Refractory Metals that contribute to its increasing demand across many markets.

### **Highlights and key features of the study**

Global Refractory Metals total production and demand, 2021-2032, (MT)

Global Refractory Metals total production value, 2021-2032, (USD Million)

Global Refractory Metals production by region & country, production, value, CAGR, 2021-2032, (USD Million) & (MT), (based on production site)

Global Refractory Metals consumption by region & country, CAGR, 2021-2032 & (MT)

U.S. VS China: Refractory Metals domestic production, consumption, key domestic manufacturers and share

Global Refractory Metals production by manufacturer, production, price, value and market share 2021-2026, (USD Million) & (MT)

Global Refractory Metals production by Type, production, value, CAGR, 2021-2032, (USD Million) & (MT)

Global Refractory Metals production by Application, production, value, CAGR, 2021-2032, (USD Million) & (MT)

This report profiles key players in the global Refractory Metals market based on the following parameters - company overview, production, value, price, gross margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include Xiamen Tungsten, CMOC, Molymet, H.C. Starck, A.L.M.T., Global Tungsten & Powders, CBMM, Codelco, JDC, Rising Rare Metals EO-Materials, etc.

This report also provides key insights about market drivers, restraints, opportunities,

new product launches or approvals.

Stakeholders would have ease in decision-making through various strategy matrices used in analyzing the World Refractory Metals market

### **Detailed Segmentation:**

Each section contains quantitative market data including market by value (US\$ Millions), volume (production, consumption) & (MT) and average price (USD/MT) by manufacturer, by Type, and by Application. Data is given for the years 2021-2032 by year with 2025 as the base year, 2026 as the estimate year, and 2027-2032 as the forecast year.

### Global Refractory Metals Market, By Region:

United States

China

Europe

Japan

South Korea

ASEAN

India

Rest of World

### Global Refractory Metals Market, Segmentation by Type:

Molybdenum Metal

Tungsten Metal

Niobium Metal

Tantalum Metal

Rhenium Metal

#### Global Refractory Metals Market, Segmentation by Application:

Steel Industry

Electronics and Electrical Industry

Carbide Tools and Wear Parts

Aerospace

Others

#### Companies Profiled:

Xiamen Tungsten

CMOC

Molymet

H.C. Starck

A.L.M.T.

Global Tungsten & Powders

CBMM

Codelco

JDC

Rising Rare Metals EO-Materials

WOLFRAM JSC

Treibacher Industrie

Climax Molybdenum

Global Advanced Metals

Ningxia Orient Tantalum Industry

Rhenium Alloys

ATI

**Key Questions Answered:**

1. How big is the global Refractory Metals market?
2. What is the demand of the global Refractory Metals market?
3. What is the year over year growth of the global Refractory Metals market?
4. What is the production and production value of the global Refractory Metals market?
5. Who are the key producers in the global Refractory Metals market?
6. What are the growth factors driving the market demand?

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