

# **Molybdenum Market - Global Industry Size, Share, Trends, Opportunity, and Forecast, Segmented By Sales Channel (Direct, Indirect), By End Use (Engineering Steel, Chemicals, Electronics & Semiconductors, Aerospace, Others), By Region and Competition, 2020-2030F**

<https://marketpublishers.com/r/MB41253ACCA8EN.html>

Date: April 2025

Pages: 185

Price: US\$ 4,500.00 (Single User License)

ID: MB41253ACCA8EN

## **Abstracts**

The Global Molybdenum Market was valued at USD 10,330.67 million in 2024 and is projected to reach USD 15,972.03 million by 2030, growing at a CAGR of 5.26% during the forecast period. Molybdenum, recognized for its high melting point, corrosion resistance, and strength, plays a critical role as an alloying agent in steel production, enhancing strength and durability. The ongoing industrialization and infrastructure boom in emerging economies is fueling the demand for high-performance steel, thereby propelling the consumption of molybdenum. The metal's widespread use in energy applications, particularly in catalysts for oil refining and components operating under extreme conditions, is further supporting market growth. Additionally, its increasing utilization in aerospace and automotive sectors, where lightweight and high-strength materials are essential, underscores its importance in modern engineering solutions. However, fluctuations in molybdenum supply and regulatory challenges related to mining activities, especially in key producing nations such as China, Chile, and the U.S., contribute to price volatility and may influence market dynamics.

### **Key Market Drivers**

#### **Growth in Electronic Industry**

The global electronics sector's rapid growth is significantly boosting the molybdenum

market. With consumer electronics revenues reaching USD 977.7 billion in 2025, molybdenum's high thermal and electrical conductivity makes it a critical material in electronic components and semiconductors. It is especially prominent in thin-film transistors (TFTs), crucial flat-panel displays such as OLED and LCD screens. Molybdenum's thermal stability and reliability make it ideal for gate electrodes and interconnects in modern devices. Advancements in materials, like molybdenum disulfide (MoS<sub>2</sub>), are enabling new applications in flexible electronics and wearables, reinforcing the metal's value in next-generation technologies.

## Key Market Challenges

### Volatility in Raw Material Prices

Price instability of raw materials, especially molybdenite ore, remains a major hurdle for the global molybdenum market. These fluctuations stem from geopolitical tensions, environmental regulations, and operational disruptions in top-producing countries. Supply chain uncertainties and regulatory hurdles affecting mining operations can sharply impact molybdenum pricing and availability. Such volatility hampers long-term planning and investment for both producers and end-users, leading to uncertainty in procurement and production strategies.

## Key Market Trends

### Growing Focus on Sustainability

Sustainability is becoming a central theme in the molybdenum market, driven by its applications in clean and energy-efficient technologies. Molybdenum's role in renewable energy solutions, including solar panels, wind turbines, and hydrogen fuel cells, is gaining prominence. It supports the manufacturing of thin-film photovoltaic cells and other components vital for the transition to a low-carbon economy. Major producers are emphasizing responsible sourcing and aligning with global decarbonization efforts, thereby enhancing the material's appeal in environmentally focused industries.

## Key Market Players

Grupo MEXICO

Codelco

Climax Molybdenum Company

Teck Resources Limited

Rio Tinto

Antofagasta PLC

KGHM Polska Miedź S.A.

Jiangxi Copper Corporation

Jinduicheng Molybdenum Co. Ltd

CMOC Group Limited

## Report Scope

In this report, the Global Molybdenum Market has been segmented into the following categories, in addition to the industry trends which have also been detailed below:

### Molybdenum Market, By Sales Channel:

Direct

Indirect

### Molybdenum Market, By End Use:

Engineering Steel

Chemicals

Electronics & Semiconductors

Aerospace

Others

## Molybdenum Market, By Region:

North America

United States

Canada

Mexico

Europe

France

United Kingdom

Italy

Germany

Spain

Asia Pacific

China

India

Japan

Australia

South Korea

South America

Brazil

Argentina

Colombia

Middle East & Africa

South Africa

Saudi Arabia

UAE

## Competitive Landscape

Company Profiles: Detailed analysis of the major companies present in the Global Molybdenum Market.

## Available Customizations:

Global Molybdenum Market report with the given market data, TechSci Research offers customizations according to a company's specific needs. The following customization options are available for the report:

## Company Information

Detailed analysis and profiling of additional market players (up to five).

## Contents

### 1. PRODUCT OVERVIEW

- 1.1. Market Definition
- 1.2. Scope of the Market
  - 1.2.1. Markets Covered
  - 1.2.2. Years Considered for Study
  - 1.2.3. Key Market Segmentations

### 2. RESEARCH METHODOLOGY

- 2.1. Objective of the Study
- 2.2. Baseline Methodology
- 2.3. Key Industry Partners
- 2.4. Major Association and Secondary Sources
- 2.5. Forecasting Methodology
- 2.6. Data Triangulation & Validation
- 2.7. Assumptions and Limitations

### 3. EXECUTIVE SUMMARY

- 3.1. Overview of the Market
- 3.2. Overview of Key Market Segmentations
- 3.3. Overview of Key Market Players
- 3.4. Overview of Key Regions/Countries
- 3.5. Overview of Market Drivers, Challenges, and Trends

### 4. IMPACT OF COVID-19 ON GLOBAL MOLYBDENUM MARKET

### 5. GLOBAL MOLYBDENUM MARKET OUTLOOK

- 5.1. Market Size & Forecast
  - 5.1.1. By Value
- 5.2. Market Share & Forecast
  - 5.2.1. By Sales Channel (Direct, Indirect)
  - 5.2.2. By End Use (Engineering Steel, Chemicals, Electronics & Semiconductors, Aerospace, Others)
  - 5.2.3. By Region

- 5.2.4. By Company (2024)
- 5.3. Market Map

## **6. NORTH AMERICA MOLYBDENUM MARKET OUTLOOK**

- 6.1. Market Size & Forecast
  - 6.1.1. By Value
- 6.2. Market Share & Forecast
  - 6.2.1. By Sales Channel
  - 6.2.2. By End Use
  - 6.2.3. By Country
- 6.3. North America: Country Analysis
  - 6.3.1. United States Molybdenum Market Outlook
    - 6.3.1.1. Market Size & Forecast
      - 6.3.1.1.1. By Value
    - 6.3.1.2. Market Share & Forecast
      - 6.3.1.2.1. By Sales Channel
      - 6.3.1.2.2. By End Use
  - 6.3.2. Mexico Molybdenum Market Outlook
    - 6.3.2.1. Market Size & Forecast
      - 6.3.2.1.1. By Value
    - 6.3.2.2. Market Share & Forecast
      - 6.3.2.2.1. By Sales Channel
      - 6.3.2.2.2. By End Use
  - 6.3.3. Canada Molybdenum Market Outlook
    - 6.3.3.1. Market Size & Forecast
      - 6.3.3.1.1. By Value
    - 6.3.3.2. Market Share & Forecast
      - 6.3.3.2.1. By Sales Channel
      - 6.3.3.2.2. By End Use

## **7. EUROPE MOLYBDENUM MARKET OUTLOOK**

- 7.1. Market Size & Forecast
  - 7.1.1. By Value
- 7.2. Market Share & Forecast
  - 7.2.1. By Sales Channel
  - 7.2.2. By End Use
  - 7.2.3. By Country

### 7.3. Europe: Country Analysis

#### 7.3.1. France Molybdenum Market Outlook

##### 7.3.1.1. Market Size & Forecast

###### 7.3.1.1.1. By Value

##### 7.3.1.2. Market Share & Forecast

###### 7.3.1.2.1. By Sales Channel

###### 7.3.1.2.2. By End Use

#### 7.3.2. Germany Molybdenum Market Outlook

##### 7.3.2.1. Market Size & Forecast

###### 7.3.2.1.1. By Value

##### 7.3.2.2. Market Share & Forecast

###### 7.3.2.2.1. By Sales Channel

###### 7.3.2.2.2. By End Use

#### 7.3.3. United Kingdom Molybdenum Market Outlook

##### 7.3.3.1. Market Size & Forecast

###### 7.3.3.1.1. By Value

##### 7.3.3.2. Market Share & Forecast

###### 7.3.3.2.1. By Sales Channel

###### 7.3.3.2.2. By End Use

#### 7.3.4. Italy Molybdenum Market Outlook

##### 7.3.4.1. Market Size & Forecast

###### 7.3.4.1.1. By Value

##### 7.3.4.2. Market Share & Forecast

###### 7.3.4.2.1. By Sales Channel

###### 7.3.4.2.2. By End Use

#### 7.3.5. Spain Molybdenum Market Outlook

##### 7.3.5.1. Market Size & Forecast

###### 7.3.5.1.1. By Value

##### 7.3.5.2. Market Share & Forecast

###### 7.3.5.2.1. By Sales Channel

###### 7.3.5.2.2. By End Use

## 8. ASIA PACIFIC MOLYBDENUM MARKET OUTLOOK

### 8.1. Market Size & Forecast

#### 8.1.1. By Value

### 8.2. Market Share & Forecast

#### 8.2.1. By Sales Channel

#### 8.2.2. By End Use



### 8.2.3. By Country

## 8.3. Asia Pacific: Country Analysis

### 8.3.1. China Molybdenum Market Outlook

#### 8.3.1.1. Market Size & Forecast

##### 8.3.1.1.1. By Value

#### 8.3.1.2. Market Share & Forecast

##### 8.3.1.2.1. By Sales Channel

##### 8.3.1.2.2. By End Use

### 8.3.2. India Molybdenum Market Outlook

#### 8.3.2.1. Market Size & Forecast

##### 8.3.2.1.1. By Value

#### 8.3.2.2. Market Share & Forecast

##### 8.3.2.2.1. By Sales Channel

##### 8.3.2.2.2. By End Use

### 8.3.3. South Korea Molybdenum Market Outlook

#### 8.3.3.1. Market Size & Forecast

##### 8.3.3.1.1. By Value

#### 8.3.3.2. Market Share & Forecast

##### 8.3.3.2.1. By Sales Channel

##### 8.3.3.2.2. By End Use

### 8.3.4. Japan Molybdenum Market Outlook

#### 8.3.4.1. Market Size & Forecast

##### 8.3.4.1.1. By Value

#### 8.3.4.2. Market Share & Forecast

##### 8.3.4.2.1. By Sales Channel

##### 8.3.4.2.2. By End Use

### 8.3.5. Australia Molybdenum Market Outlook

#### 8.3.5.1. Market Size & Forecast

##### 8.3.5.1.1. By Value

#### 8.3.5.2. Market Share & Forecast

##### 8.3.5.2.1. By Sales Channel

##### 8.3.5.2.2. By End Use

## 9. SOUTH AMERICA MOLYBDENUM MARKET OUTLOOK

### 9.1. Market Size & Forecast

#### 9.1.1. By Value

### 9.2. Market Share & Forecast

#### 9.2.1. By Sales Channel

- 9.2.2. By End Use
- 9.2.3. By Country
- 9.3. South America: Country Analysis
  - 9.3.1. Brazil Molybdenum Market Outlook
    - 9.3.1.1. Market Size & Forecast
      - 9.3.1.1.1. By Value
    - 9.3.1.2. Market Share & Forecast
      - 9.3.1.2.1. By Sales Channel
      - 9.3.1.2.2. By End Use
  - 9.3.2. Argentina Molybdenum Market Outlook
    - 9.3.2.1. Market Size & Forecast
      - 9.3.2.1.1. By Value
    - 9.3.2.2. Market Share & Forecast
      - 9.3.2.2.1. By Sales Channel
      - 9.3.2.2.2. By End Use
  - 9.3.3. Colombia Molybdenum Market Outlook
    - 9.3.3.1. Market Size & Forecast
      - 9.3.3.1.1. By Value
    - 9.3.3.2. Market Share & Forecast
      - 9.3.3.2.1. By Sales Channel
      - 9.3.3.2.2. By End Use

## **10. MIDDLE EAST AND AFRICA MOLYBDENUM MARKET OUTLOOK**

- 10.1. Market Size & Forecast
  - 10.1.1. By Value
- 10.2. Market Share & Forecast
  - 10.2.1. By Sales Channel
  - 10.2.2. By End Use
  - 10.2.3. By Country
- 10.3. MEA: Country Analysis
  - 10.3.1. South Africa Molybdenum Market Outlook
    - 10.3.1.1. Market Size & Forecast
      - 10.3.1.1.1. By Value
    - 10.3.1.2. Market Share & Forecast
      - 10.3.1.2.1. By Sales Channel
      - 10.3.1.2.2. By End Use
  - 10.3.2. Saudi Arabia Molybdenum Market Outlook
    - 10.3.2.1. Market Size & Forecast

- 10.3.2.1.1. By Value
- 10.3.2.2. Market Share & Forecast
  - 10.3.2.2.1. By Sales Channel
  - 10.3.2.2.2. By End Use
- 10.3.3. UAE Molybdenum Market Outlook
  - 10.3.3.1. Market Size & Forecast
    - 10.3.3.1.1. By Value
  - 10.3.3.2. Market Share & Forecast
    - 10.3.3.2.1. By Sales Channel
    - 10.3.3.2.2. By End Use

## **11. MARKET DYNAMICS**

- 11.1. Drivers
- 11.2. Challenges

## **12. MARKET TRENDS & DEVELOPMENTS**

- 12.1. Merger & Acquisition (If Any)
- 12.2. Product Launches (If Any)
- 12.3. Recent Developments

## **13. GLOBAL MOLYBDENUM MARKET: SWOT ANALYSIS**

## **14. PORTERS FIVE FORCES ANALYSIS**

- 14.1. Competition in the Industry
- 14.2. Potential of New Entrants
- 14.3. Power of Suppliers
- 14.4. Power of Customers
- 14.5. Threat of Substitute Products

## **15. COMPETITIVE LANDSCAPE**

- 15.1. Grupo M?xico
  - 15.1.1. Business Overview
  - 15.1.2. Company Snapshot
  - 15.1.3. Products & Services
  - 15.1.4. Financials (As Reported)

- 15.1.5. Recent Developments
- 15.1.6. Key Personnel Details
- 15.1.7. SWOT Analysis
- 15.2. Codelco
- 15.3. Climax Molybdenum Company
- 15.4. Teck Resources Limited
- 15.5. Rio Tinto
- 15.6. Antofagasta PLC
- 15.7. KGHM Polska Miedź S.A.
- 15.8. Jiangxi Copper Corporation
- 15.9. Jinduicheng Molybdenum Co. Ltd
- 15.10. CMOC Group Limited

## **16. STRATEGIC RECOMMENDATIONS**

## **17. ABOUT US & DISCLAIMER**

## I would like to order

Product name: Molybdenum Market - Global Industry Size, Share, Trends, Opportunity, and Forecast, Segmented By Sales Channel (Direct, Indirect), By End Use (Engineering Steel, Chemicals, Electronics & Semiconductors, Aerospace, Others), By Region and Competition, 2020-2030F

Product link: <https://marketpublishers.com/r/MB41253ACCA8EN.html>

Price: US\$ 4,500.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

[info@marketpublishers.com](mailto:info@marketpublishers.com)

## Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/MB41253ACCA8EN.html>