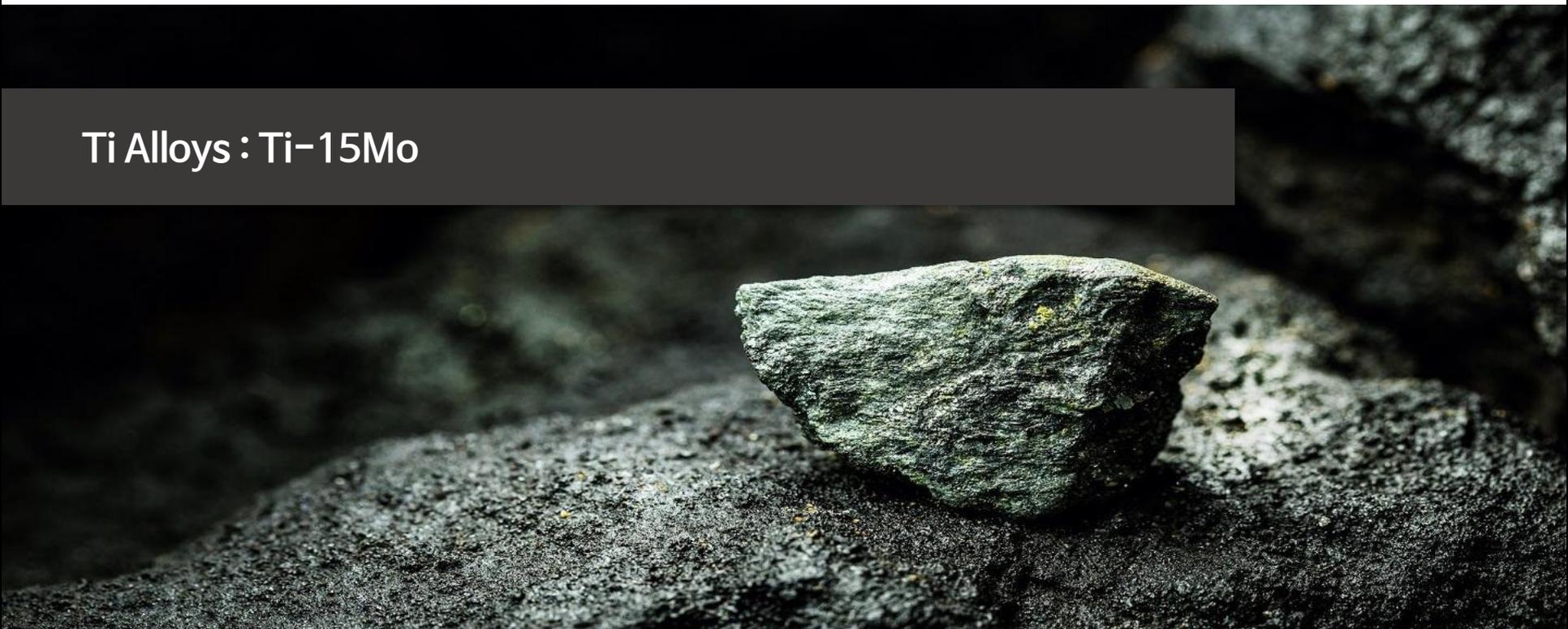


Ti Alloys : Ti-15Mo



Price Reporting

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Introduction to Metals

Alloy	Chemical Composition
Ti-15Mo	Click

Reporting Duration

May 27, 2025 - May 30, 2025 Alloy Price Analysis including Titanium Alloys

Ti 15Mo alloy gains modestly, driven by higher molybdenum prices



(Ti-15Mo price graph, 3 months)

- During the trading week of May 27 to May 30, 2025, the Ti 15Mo alloy saw modest gains. During this period, Ti 15Mo rose from \$19.60 to \$19.76 per kilogram, a change of \$0.16.
- The main reason for this price increase is the increase in the market price of molybdenum, a key component of the alloy.

Titanium price steady at \$11.37 at end of May, as supply constraints balance increased exports



(Ti price graph, 3 months)

- From May 27 to 30, 2025, titanium prices remained stable at around \$11.37 per kg. This is due to a balance of opposing factors: supply-side restrictions and rising demand and exports.

- First of all, domestic prices of high purity 99.7% grade titanium sponge have increased slightly from around \$7.04–7.32/kg ex-works on May 27, driven by limited spot supply and aggressive price offers from producers. In particular, improved investor sentiment as new orders were signed in June has also had a positive impact on price stability.
- The export price of 99.7% grade sponge also increased from US\$7.00 to US\$7.20 per kg in the Chinese market during the same period. This is the result of the impact of domestic price hikes being reflected in export prices, and the fact that China's titanium sponge export volume surged by more than 90% year-on-year from January to April is also a supportive factor for prices.
- At the end of May 2025, titanium prices remained stable at around \$11.37/kg, supported by limited supply, improving investor sentiment and rising exports. Rising domestic and international prices and surging export volumes played a key role in supporting prices.

Molybdenum prices continue to strengthen, driven by Asian demand and European supply shortages



(Mo price graph, 3 months)

- From May 27 to 30, 2025, the molybdenum price showed solid strength, increasing by \$1.08 from \$66.98 to \$68.06 per kg.

- The price increase was driven by the Asia-Pacific region, particularly the price of molybdenum oxide from Busan, South Korea, which surpassed \$46.30/kg.
- At the same time, the European market was characterized by a tight supply situation, with molybdenum oxide assessed prices adjusting in the range of \$20.70 to \$21.60. Steady ferromolybdenum demand from Chinese steelmakers and declining inventories in Europe are analyzed as the key factors driving the price rise, and the price increase of nearly 9% since mid-May is considered to be the result of the close interaction between supply and demand.
- As a result, industry experts expect the molybdenum market to remain in a strong upward trend in the near term.

Ti 15Mo alloy price outlook: modest increase expected due to stronger molybdenum

For the future price trend of Ti 15Mo alloys, experts believe that changes in the markets for the raw materials titanium and molybdenum will be decisive. Currently, titanium prices are stabilizing due to a balance of opposing factors – limited supply and increased exports – while molybdenum is experiencing a strong upward trend due to robust demand in Asia and tight supply in the European market.

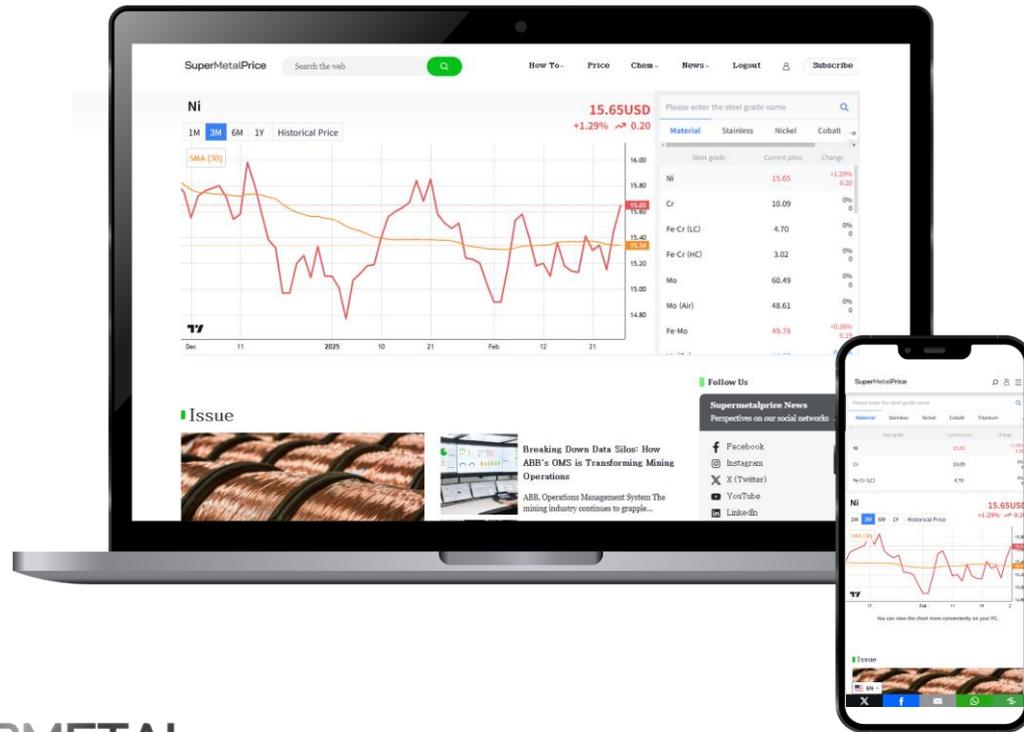
Given the composition of Ti 15Mo alloy, which is approximately 84% titanium and 15% molybdenum, the volatility of the molybdenum price has a significant impact on the alloy price. Therefore, if the upward pressure on molybdenum prices continues, Ti 15Mo alloy prices are likely to naturally increase. On the other hand, if titanium prices remain stable at the current level and can partially offset the increase in molybdenum prices, the alloy price is expected to rise gradually without significant fluctuations.

Overall, experts believe that supply constraints and strong demand for molybdenum will support near-term price growth, and Ti 15Mo alloy prices are expected to rise slightly in the coming weeks and months. However, the risk of volatility due to uncertainty in global commodity markets and policy changes is also an important factor to consider. Therefore, it is advisable for the industry to closely monitor commodity market trends and prepare response strategies.

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