

Ti Alloys : Ti Gr.7, Gr.11, Gr.16, Gr.12, Ti 6242, Ti 62222

## Price Reporting

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## Introduction to Metals

Alloy	Chemical Composition
Ti Gr.7	<a href="#">Click</a>
Ti Gr.11	<a href="#">Click</a>
Ti Gr.16	<a href="#">Click</a>
Ti Gr.12	<a href="#">Click</a>
Ti 6242	<a href="#">Click</a>
Ti 62222	<a href="#">Click</a>

## Reporting Duration

February 3, 2025 - February 7, 2025 Alloy Price Analysis including Nickel Alloys

## Ti Alloys : Ti Gr.7, Gr.11, Gr.16



<Ti Gr.7 price graph, 3 months>



<Ti Gr.11 price graph, 3 months>



<Ti Gr.16 price graph, 3 months>

- **Ti Gr.7** and **Ti Gr.11** fell by \$1.50 to \$70.95–69.45/kg, and **Ti Gr.16** dropped by \$0.42 to \$28.36–27.94/kg.
- This change is linked to the drop in Pd prices, affecting them by 0.18% and 0.05%.
- Titanium price trends often mirror these shifts in related metals like Pd.



<Pd price graph, 3 months>

- **Pd** prices fell \$835.92 to \$32761.60–31925.98/kg.
- The Pd decline came from increased EV adoption and oversupply concerns. As EVs grow, demand for internal combustion engines drops, with U.S. policy changes like tariffs and EV incentive cuts further reducing palladium needs.
- A rise in mine production in Russia and South Africa, along with more palladium recycling, led to oversupply concerns. Decreased demand from industries like jewelry, automotive, and industrial sectors added to market weakness.
- Pd prices may continue falling due to oversupply and reduced demand. This will likely cause fluctuations in Ti Gr.7, Ti Gr.11, and Ti Gr.16, following Titanium price trends.

## Ti Alloys : Ti Gr.12



<Ti Gr.12 price graph, 3 months>

- **Ti Gr.12** rose by \$0.01 to \$12.28-12.29/kg, linked to the increase in Ni prices by around 0.80%.



<Pd price graph, 3 months>

- **Ni** prices climbed \$0.68, reaching \$14.90-15.58/kg. The rise in Ni prices results from global EV demand, growing Chinese nickel needs, and the higher cost of eco-friendly Ni production.
- Increased EV demand boosts Ni prices, essential for lithium-ion batteries. The Trump administration's EV incentive removal impacted Indonesia's nickel industry. Indonesia, with the largest reserves, is more reliant on Chinese investment, raising Ni prices as China's demand grows. Sustainable mining methods are expected to increase Ni production costs, limiting supply and driving up prices
- Ni prices are likely to rise in the medium to long term due to sustainability concerns and China's market growth. These factors will also influence Ti Gr.12 prices, contributing to Titanium price trends.

## Ti Alloys : Ti 6242, Ti 62222



(Ti 6242 price graph, 3 months)



(Ti 62222 price graph, 3 months)

- Ti 6242 and Ti 62222 increased by \$0.04 to \$13.34-13.38/kg and \$12.93-12.97/kg, respectively, due to higher Sn prices, up by 2.00%.



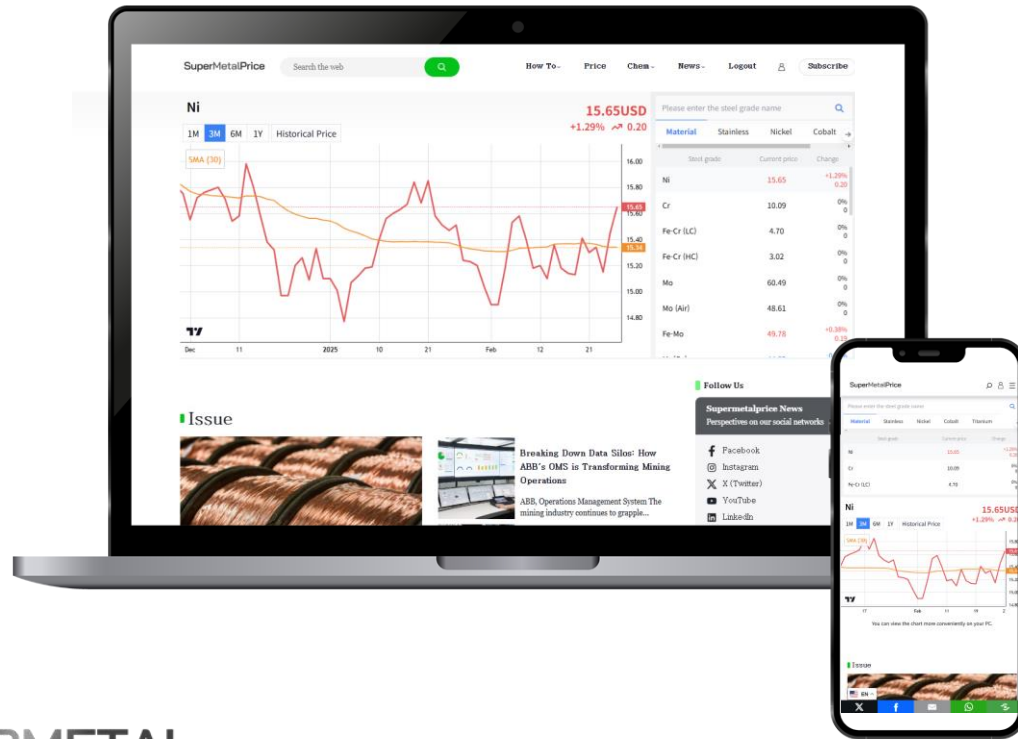
(Sn price graph, 3 months)

- Sn prices rose \$1.54, reaching \$29.57-31.11/kg. In early 2025, LME Sn prices increased by 2.31%, while SHFE prices also rose due to higher LME prices.
- Declining Sn ore imports from Myanmar and the Democratic Republic of Congo and mining suspensions in Myanmar's Waju region raised supply concerns. Supply issues and conflicts in Myanmar and DR Congo may continue to raise Sn prices. The resumption of mining in Myanmar's Wazoo region could significantly affect prices.
- China's economic growth and industrial demand will likely keep Sn prices rising.
- Supply from Africa and increased Chinese demand will influence Sn price trends, affecting Ti 6242 and Ti 62222 prices and contributing to Titanium price trends.

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