

Why are antimony prices rising to record highs?

May 31 (Reuters) - Prices of antimony, a strategic metal used in flame-retardants, batteries and munitions, are rising to record highs as solar sector demand outstrips supply, causing a wide deficit with little sign of easing, smelters and analysts say.

Why have antimony prices soared 75% this year?

European prices have also climbed to a record \$21,000 a ton, up 75% this year, Fastmarkets data showed. Globally, declining ore grades and depleting mines are squeezing antimony supply, Chinese investment bank CICC said in a report. "The surge has been almost entirely supply driven."

What factors affect the price of antimony?

Argus keeps its clients informed on factors that may impact the price of Antimony, export controls or supply constraints that may limit availability for Antimony products and the development of alternative sources for Antimony like advances in recycling, evolving trade patterns, and emerging markets for production/supply diversification.

What are Argus antimony prices used for?

Transfer Pricing: Argus Antimony prices can be used by organizations for internal transfer pricing and for calculation of import tax duties.

How much did antimony ingot cost in 2024?

Antimony ingot in China climbed to a record 127,500 yuan (\$17,588.88) per metric ton on May 29, up 56% in 2024, data from the Shanghai Metals Exchange showed. European prices have also climbed to a record \$21,000 a ton, up 75% this year, Fastmarkets data showed.

Should smelters pay for antimony?

"On the upside for smelters, they are only paying for the antimony in scrap at the price of lead, but charging for it in finished alloys at elevated levels, if not right up to the price of new antimony. So maybe they should dry their tears just a little." China produces around 48% of the world's antimony.

But its projected cost is about \$21/kWh by 2030, according to a paper Sadoway and colleagues published in October 2021 in the journal Renewable and Sustainable Energy Reviews.

The local prices are expected to be released soon, stay tuned! Got it. +86 021 5155-0306

Battery materials news, forecasts and prices including lithium, cobalt, graphite, nickel, industry-grade cathodes and black mass. ... Argus Antimony. Antimony is a key raw material for technology and energy transition applications and its concentrated production in China introduces risks for countries in Europe and

the US who rely entirely on ...

Among metalloids and semi-metals, Sb stands as a promising positive-electrode candidate for its low cost (US\$1.23 mol⁻¹) and relatively high cell voltage when coupled with an alkali or alkaline ...

10 ???· Founded in 2022 to develop advanced refining solutions for rare earth minerals, ReElement quickly expanded its capabilities to include lithium recycling, achieving battery-grade purity by 2023 before turning its focus to antimony refining.

Ambri Advances Collaboration with Xcel Energy for First Utility Deployment of Liquid Metal(TM) Battery System July 19, 2023. First utility deployment of liquid metal battery to launch in early 2024 test July 20, 2023.

Detailed estimates for the capital cost and operating cost of a pilot plant to produce electric vehicle battery plates incorporating expanded metal grids are presented.

Meanwhile, the antimony trioxide market prices this week, as of now, are as follows: SMM antimony trioxide average prices--99.5% at 120,000 yuan/mt and 99.8% at 129,000 yuan/mt. ... Solar Lithium Cobalt Lithium Battery Cathode Precursor and Material Anode Materials Artificial Graphite Diaphragm Electrolyte Other Materials Chemical Compound ...

The cell operated at just 270 C -- more than 400 C lower than the initial magnesium-antimony battery while maintaining the same novel cell design of three naturally separating liquid ...

Discover Argus Antimony prices, including antimony metal, ingots, and trioxide. Stay informed on pricing trends, market dynamics and the cost of antimony today.

Perpetua's Antimony Will Power Ambri's Low-Cost Battery for Long-Duration, Daily Cycling Energy Storage; Committed Amount Sufficient to Generate Over 13 Gigawatt Hours of Storage, Equivalent to ...

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