

The Economics of Tantalum

ARE YOU FACING BIG DECISIONS INVOLVING TANTALUM?

The market for tantalum is global, and local events can make waves across the world. If you're involved with tantalum in any way, you know that everything's important – both the small details and the big picture. A complete perspective is essential, whether you're preparing a company strategy, planning exploration, bringing new products to market, buying, selling or investing.

MAKE THE RIGHT CHOICE

Whatever your challenge, this report gives you deep insights to help you make really well-informed recommendations or decisions. It's a detailed account of:

- World production and consumption
- The operations of the major producers
- End-use market applications
- Price trends
- International trade patterns
- Forecasts for supply and demand

IS THIS REPORT FOR YOU?

Our clients include anyone with an interest in the evolving tantalum market, anywhere in the world. Readers of past reports have come from a wide range of relevant industries – from extraction to end-use, from mines to factories to banks, from existing players to new entrants. And they range from analysts and researchers to operational managers and chief executives.

To order your report, visit www.roskill.com/tantalum or call +44 20 8944 0066 now.

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WHAT READERS SAY

“When we review project or company opportunities, the most important area of review is the marketplace. We have always deferred to Roskill reports and their services for the prime benchmark reference point.”

Michael Kiernan,
Consolidated Minerals Limited,
Australia

“Roskill has been a key reference to our industry for a long time...the best reference about the market and industries.”

Bayram AnKarali
Etimine SA, Turkey

“One of the few sources available for critical, detailed and reliable information on the industrial minerals markets.”

Emilio Lobato,
Technical Marketing Manager,
Magnesita Refratarios SA, Brazil

GET ACCURATE ANSWERS FROM INDEPENDENT EXPERTS

- What's happening to tantalum stockpiles?
- Will any new projects come onstream in time to alleviate supply shortages?
- What is the forecast for demand from the capacitor market?
- Will the supply of coltan fall and if so, what will replace it?
- Can Central Africa become a legitimate part of the supply chain?
- What price level might bring Talison back into operation?
- How long can tin slags continue as an important tantalum feedstock?

WHY READERS CHOOSE ROSKILL

We're approachable. Our sources include a large network of industry contacts: the key players talk to us because we're approachable and because they know us well.

We're independent. The information and insights in The Economics of Tantalum are completely independent. We're privately-owned and not beholden to anyone. Our expert researchers make a thorough and objective analysis of all available data, from sources across the globe.

We're expert. You want facts from people who know what they're talking about. Roskill's experts have been analysing the tantalum industry for over 30 years and this is our tenth report on this sector.

Approachable. Independent. Expert.

That's why no other report can match the accuracy, depth and expertise of The Economics of Tantalum.

WHAT ELSE CAN WE DO FOR YOU?

We also offer expert bespoke consultancy to help you tackle specific complex challenges, such as feasibility studies, market assessments or due diligence reports.

If you'd like to discuss a project, please email judith@roskill.co.uk or call +44 20 8944 0066.

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The Economics of Tantalum

What's included?

Contents: 152 pages, 68 tables, 25 figures plus appendix

Overview

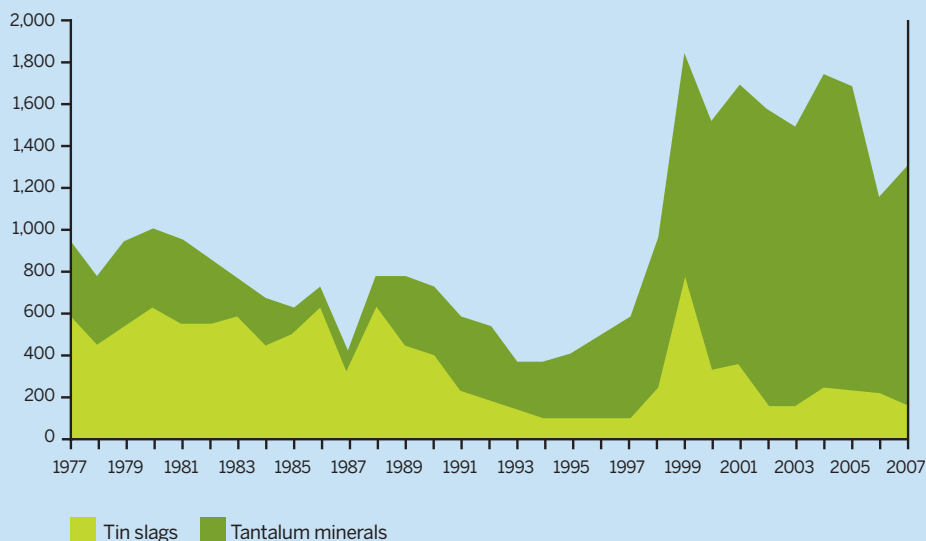
The tantalum market has changed dramatically in the past year and is likely to go on doing so. Demand has tumbled, but is expected to recover fully by 2012: however, the question is whether the supply of tantalum will be in place to meet that demand. Weak

demand in consuming industries, particularly capacitors, coupled with large inventories in the supply chain, has kept tantalum prices low. Primary output has been slashed and processors are increasingly relying on stock drawdowns to make up the

shortfall. There are mounting fears of serious shortages, and if there is even a modest recovery in demand for tantalum in the near future, the market faces a difficult period.

This report gives you a full analysis of the key trends, issues and developments in the market, a clear insight into all areas of the industry and an authoritative analysis of its prospects.

World: Production of tantalum minerals and tin slags, 1977 to 2007 (t Ta₂O₅)



1. SUMMARY

2. INTRODUCTION

- Occurrence and reserves of tantalum minerals
- Mining and processing of tantalum

3. OVERVIEW OF WORLD TANTALUM PRODUCTION

- Tantalum supply chain overview
- Primary tantalum supply
- Secondary tantalum supply
- Processors' receipts of tantalum
- Outlook for world tantalum supply

4. PRODUCTION AND PROCESSING OF TANTALUM BY COUNTRY

- Detailed analysis of 57 countries and 45 companies

5. INTERNATIONAL TRADE IN TANTALUM

6. OVERVIEW OF WORLD TANTALUM CONSUMPTION

7. END USES OF TANTALUM

- Use of tantalum in capacitors
Capacitor materials, types and development; Producers of tantalum capacitors; Production and consumption of tantalum capacitors; Consumption of tantalum in capacitors; Outlook for consumption of tantalum in capacitors
- Use of tantalum in other electronics applications
Sputtering targets; SAW filters

- Use of tantalum in alloy additives
Superalloys; Development of nickel-based superalloys; Production and consumption of superalloys; Aerospace industry trends; Non-aerospace industry trends

- Use of tantalum mill products
Consumption of tantalum mill products; Applications for tantalum mill products; Corrosion-resistant applications for tantalum mill products; Other uses

- Use of tantalum in cemented carbides
- Use of tantalum chemicals

8. TANTALUM PRICES

- Prices of tantalum minerals
- Prices of tantalum products

How to order your report



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