



China Tantalum Industry Report, 2012-2015

Mar. 2013

STUDY GOAL AND OBJECTIVES

This report provides the industry executives with strategically significant competitor information, analysis, insight and projection on the competitive pattern and key companies in the industry, crucial to the development and implementation of effective business, marketing and R&D programs.

REPORT OBJECTIVES

- ◆ To establish a comprehensive, factual, annually updated and cost-effective information base on market size, competition patterns, market segments, goals and strategies of the leading players in the market, reviews and forecasts.
- ◆ To assist potential market entrants in evaluating prospective acquisition and joint venture candidates.
- ◆ To complement the organizations' internal competitor information gathering efforts with strategic analysis, data interpretation and insight.
- ◆ To suggest for concerned investors in line with the current development of this industry as well as the development tendency.
- ◆ To help company to succeed in a competitive market, and

METHODOLOGY

Both primary and secondary research methodologies were used in preparing this study. Initially, a comprehensive and exhaustive search of the literature on this industry was conducted. These sources included related books and journals, trade literature, marketing literature, other product/promotional literature, annual reports, security analyst reports, and other publications. Subsequently, telephone interviews or email correspondence was conducted with marketing executives etc. Other sources included related magazines, academics, and consulting companies.

INFORMATION SOURCES

The primary information sources include Company Reports, and National Bureau of Statistics of China etc.

Abstract

According to the latest statistics from USGS, the global tantalum ore output totaled 790 tons in 2011, up 16.01% year-on-year. In particular, Brazil was still the world's largest supplier, with the output accounting for 22.78%. Due to the eurozone debt crisis and the weakened economic resumption of America, the demand of global tantalum industry was still at a low ebb between 2012 and early 2013. The expectation shows that the global tantalum ore output would be no more than 700 tons in 2012.

In 2012, there were scarcely new tantalum ore projects being put into production. And new projects built before 2012 are expected to be put into production after 2013 in a successive way. In particular, the tantalum ore projects expected to be put into production in 2013 include: Egypt's Abu Dabbab project (650,000 pounds of Ta₂O₅), Malawi's Kanyika project (200 tons of Fe-Nb and 400,000 pounds of Ta₂O₅) and Canada's Crevier project (178,000 kg Ta₂O₅).

With the restart and expansion of major tantalum mines worldwide, the supply is anticipated to see significant growth.

Given the overall downturn in market demand, Ningxia Orient Tantalum realized the revenue of RMB1.843 billion in 2012Q1-Q3, and its net income hit RMB76.4 million, down 3.06% and 61.65% year-on-year, respectively. However, the demand in downstream electronic industry is

projected to revive in the wake of the global economic recovery. In addition, coupled with the gradual capacity release of its own fundraising projects, the profitability of the company will be to some extent improved in the upcoming years.

Major Fundraising Projects of Ningxia Orient Tantalum Industry (RMB mln)

| Projects | Total Investment | Construction Cycle | Annual Capacity |
|---|------------------|--------------------|---|
| Hi-Tech Industrialized Demonstration Project of Target Materials for Great Large Scale IC Use | 98.04 | two years | 80 tons |
| Niobium and Niobium-base Material Hi-Tech Industrialized Demonstration Project | 78.79 | three years | 10 tons of high-purity niobium materials, 30 tons of chemical anti-corrosion niobium-base alloy tube bar, and 30 tons of electric light source niobium zirconium alloy tube wire material |
| 3,000 tons/a Titanium and Titanium Alloy Hi-Tech Industrialized Demonstration Project | 724.77 | two years | --- |
| 60 tons/a NbO Hi-Tech Industrialization Project | 122.86 | two years | 60 tons |

Source: Ningxia Orient Tantalum Industry; ResearchInChina [China Tantalum Industry Report, 2012-2015](#)

The report highlights the followings:

- Reserves, output, price, ongoing projects/expansion projects, demand and development outlook of tantalum ore worldwide;
- Reserves, development status quo, import & export, price and key applications of tantalum ore resources in China;
- Output and sales volume, development status quo and downstream consumption fields of tantalum capacitors in China;
- Two major tantalum producers worldwide and seven leading Chinese industrial players;

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