



Global and China Titanium Industry Report, 2010-2011

Oct. 2011

This report

- ◆ **Analyzes development of global and China Titanium industry**
- ◆ **Focuses on the application of titanium and export & import in China**
- ◆ **Highlights the operation of Titanium enterprises in China and worldwide**

Please visit our website to order this report and find more information about other titles at www.researchinchina.com

Related Products

China Germanium Industry Report, 2011

China Heat Shrinkable Materials Industry Report, 2010-2011

China Ceramic Industry Report, 2010-2011

Global and China Rubber Auxiliary Industry Report, 2010-2011

China Aluminum Profiles Industry Report, 2010-2011

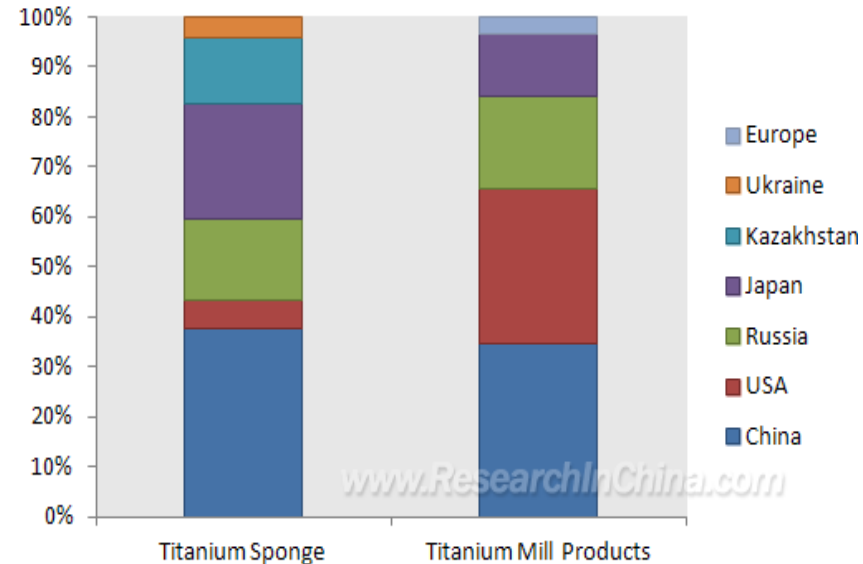
Global and China Organic Silicon Industry Report, 2010-2011

Abstract

As the largest producing country of titanium product worldwide, China's output of titanium sponge reached 57,770 tons in 2010, accounting for 37.4% of the global total. Meanwhile, the output of titanium mill products achieved 38,323 tons in China, covering 34.3% of the world's total. However, titanium product structure presents unbalance in China, with relatively low capacity proportion of aerospace titanium sponge. Furthermore, competitiveness of high-end titanium mill products such as aerospace titanium products still desires to be improved.

In terms of titanium sponge market, the United States, Europe and South Korea are the main export destinations of China-made titanium sponge. In recent years, titanium sponge output gradually declines in the United States, where titanium product manufacturers including TIMET are experiencing short supply of titanium sponge. As for the European market, titanium sponge entirely relies on import. Currently, VSMPO-AVISMA and ATI are the main producers of aerospace titanium sponge in the European and American markets. Chinese titanium sponge enterprises mainly focus on the production of industrial titanium sponge.

Output Structure of Titanium Sponge and Titanium Mill Products Worldwide by Country, 2010



Source: China Nonferrous Metal Industry Association Titanium Industry Council; ResearchInChina

Zunyi Titanium Co., Ltd., the leading one among titanium sponge manufacturers, is still in its production recovery stage, after suffering drastic fall in 2009 and IPO failure. Its production, sales and price of titanium sponge improved markedly in H1 2011. Huashen Titanium realized titanium sponge capacity of 10,000 tons/year, after being invested by Baoji Titanium in 2010. Meanwhile, its product titanium sponge for aerospace and military use saw a rise in proportion, and it further enhanced its connection with titanium mill products production lines of Baoji Titanium.

Titanium mill products boast large capacities in China at present, whereas the production capacities of titanium thin-plate and titanium welded pipe are still far from sufficiency. As for production of high-end aerospace titanium products, Baoji Titanium is still the sole player in Chinese market.

Currently, Baoji Titanium enjoys around 40% market shares of titanium mill products in China, while it provides over 95% of the total military titanium demand in domestic China. In addition, Baoji Titanium is the only exporter of aerospace titanium products at home. Being restricted by limited capacity and weak technical R&D strength, other peers are less competitive in the market, such as Western Metal Materials, Western Superconducting

Technologies, Beijing Zhongbei Titanium and Baosteel Special Steel, etc.

1. Overview of Titanium Industry

- 1.1 Characteristics & Classification of Titanium Products
- 1.2 Application of Titanium Products
- 1.3 Titanium Industry Chain

2. Development of Global Titanium Industry

- 2.1 Reserves & Distribution
- 2.2 Supply
- 2.3 Demand
 - 2.3.1 Consumption Structure of Titanium Mill Products
 - 2.3.2 Trend of Titanium Demand
- 2.4 Price Trend

3. Development of China's Titanium Industry

- 3.1 Environment
 - 3.1.1 Industry Management System
 - 3.1.2 Industry Policy
 - 3.1.3 Tax Policy
- 3.2 Titanium Reserves & Distribution
- 3.3 Supply
 - 3.3.1 Titanium Sponge
 - 3.3.2 Titanium Ingot & Titanium Powder
 - 3.3.3 Titanium Mill Products
- 3.4 Demand
- 3.5 Price Trend

4. Applications of Titanium in China

- 4.1 Aviation and Aerospace
 - 4.1.1 Titanium Application in Commercial Aircraft
 - 4.1.2 Forecast of Titanium Demand from Commercial Aircraft
 - 4.1.3 Titanium Application in Military Aircraft & Demand Prospect
- 4.2 Chemical Industry
- 4.3 Power Generation
- 4.4 Automotive
- 4.5 Seawater Desalination

5. China's Titanium Import and Export

- 5.1 Export
- 5.2 Import

6. Key Titanium Companies Worldwide

- 6.1 VSMPO-AVISMA
 - 6.1.1 Profile
 - 6.1.2 Operation
 - 6.1.3 Business Development in China
- 6.2 TIMET
 - 6.2.1 Profile
 - 6.2.2 Operation
 - 6.2.3 Business Development in China
- 6.3 Toho Titanium
 - 6.3.1 Profile
 - 6.3.2 Operation

7. Key Titanium Companies in China

- 7.1 Baoji Titanium Industry Co., Ltd
 - 7.1.1 Profile
 - 7.1.2 Operation
 - 7.1.3 Competitive Edge
 - 7.1.4 Development Plan
- 7.2 Western Metal Materials Co., Ltd
 - 7.2.1 Profile
 - 7.2.2 Operation
- 7.3 Zunyi Titanium Co., Ltd
 - 7.3.1 Profile
 - 7.3.2 Operation
 - 7.3.3 Technology Superiority
- 7.4 Fushun Titanium Co., Ltd
 - 7.4.1 Profile
 - 7.4.2 Operation
- 7.5 Chaoyang Baisheng Titanium & Zirconium Co., Ltd
 - 7.5.1 Profile
 - 7.5.2 Operation
- 7.6 Other Companies
 - 7.6.1 Tangshan Tianhe Titanium Co., Ltd.
 - 7.6.2 Luoyang Shuangrui Wanji Titanium Co., Ltd
 - 7.6.3 Chaoyang Jinda Titanium Co., Ltd
 - 7.6.4 Western Superconducting Technologies Co., Ltd.
 - 7.6.5 Beijing Zhongbei Titanium Co., Ltd.

- China vs. the World: Titanium Processing Structure
- Metallic Titanium Industry Flow
- Titanium Reserves of Major Countries Worldwide
- Production Capacity of Titanium Sponge by Region Worldwide, 2004-2010
- Global Titanium Sponge Output by Region, 2010
- Global Titanium Mill Products Output by Region, 2010
- Global Titanium Consumption Ratios by Region, 2009
- Global Titanium Consumption by Application, 2010
- Global Apparent Consumption of Titanium, 2002-2010
- Market Price of Titanium Sponge in Europe, 2004 -2010
- Market Price of Ferrotitanium in Europe, 2004-2010
- Import & Export Tariff Rate of Titanium Products in China, 2011
- Distribution of Titanium Resources in China
- Output of Titanium Sponge in China, 2000-2010
- Regional Output of Titanium Sponge in China, 2010
- Major Enterprises of Titanium Sponge in China, 2010
- Regional Output of Titanium Ingot in China, 2010
- Major Enterprises of Titanium Ingot in China, 2010
- Major Enterprises of Titanium Powder in China, 2010
- Output of Titanium Mill Products in China, 2000-2010
- Product Structure of Titanium Mill Products in China, 2010
- Apparent Consumption of Titanium Mill Products in China, 2002-2010
- China's Titanium Consumption Structure, 2010
- Market Price of Titanium Concentrates in China, 2008-2011
- Market Price of Titanium (99.8% min) in China, 2006-2011

- Titanium Consumption of Main Airbus and Boeing Commercial Aircrafts
- Global Commercial Aircraft Delivery Volume, 2010-2014E
- B787 & A380 Output, 2009-2014E
- Titanium Consumption of China's Commercial Aircrafts like ARJ21
- Consumption of Titanium Mill Products in China's Key Military Aircrafts
- Application of Titanium Mill Products to China's New Military Aero-Engine
- Ratio of China's Chemical Titanium Equipment by Product, 2009
- Consumption of Titanium Mill Products Required by Repairing Alkali Equipment Per 10,000 tons
- Titanium Application in Condenser of Some Domestic and Foreign Thermal Power Plants
- Titanium Application in Condenser of Some Domestic and Foreign Nuclear Power Plants
- Titanium Demand of Seawater Desalination Industry in Europe, 2009-2011
- Titanium Products Export Volume of China, 2006-2011
- Titanium Products Export Value of China, 2006-2011
- Titanium Products Export Structure of China, 2009-2011
- Import Volume & Price of Titanium Ores and Concentrates of China
- Titanium Products Import Volume of China, 2006-2011
- Titanium Products Import Value of China, 2006-2011
- Titanium Products Import Structure of China, 2009-2011
- VSMPO-AVISMA Metallic Titanium Product Structure
- AVISMA Titanium Sponge Output, 2000-2010
- VSMPO Output of Titanium Mill Products, 2000-2009
- VSMPO-AVISMA Revenue & Net Income, 2004-2011
- TIMET Titanium Products Output, 2005-2010
- TIMET Titanium Products Structure by Application, 2008-2010
- Revenue and Net Income of TIMET, 2005-2010

- Industry Structure of Toho Titanium
- Revenue & Net Income of Toho Titanium, FY2005-FY2010
- Revenue of Toho Titanium by Product, FY2006-FY2010
- Capacity Distribution & Expansion of Baoji Titanium Industry
- Product Structure of Titanium Mill Products of Baoji Titanium Industry
- Operating Revenue & Net Income of Baoji Titanium Industry, 2005-2011
- Gross Margin of Baoji Titanium Industry, 1999-2010
- Operating Revenue and Net Income of Western Metal Materials, 2007-2011
- Revenue Structure of Western Metal Materials by Product, 2010
- Operating Revenue and Net Income of Western Titanium Technologies, 2007-2010
- Titanium Sponge Output of Zunyi Titanium, 2004-2010
- Sale Price of Titanium Sponge of Zunyi Titanium, 2009-2011
- Titanium Sponge Output of Fushun Titanium, 2004-2010
- Titanium Sponge Output of Chaoyang Baisheng Zirconium, 2005-2010

You can place your order in the following alternative ways:

1. Order online at www.researchinchina.com
2. Fax order sheet to us at fax number: +86 10 82601570
3. Email your order to: report@researchinchina.com
4. Phone us at +86 10 82600828/ 82600893

Party A:			
Name:			
Address:			
Contact Person:		Tel	
E-mail:		Fax	

Party B:			
Name:	Beijing Waterwood Technologies Co., Ltd (ResearchInChina)		
Address:	Room 1008, A2, Tower A, Changyuan Tiandi Building, No. 18, Suzhou Street, Haidian District, Beijing, China 100080		
Contact Person:	Liao Yan	Phone:	86-10-82600828
E-mail:	report@researchinchina.com	Fax:	86-10-82601570
Bank details:	Beneficial Name: Beijing Waterwood Technologies Co., Ltd Bank Name: Bank of Communications, Beijing Branch Bank Address: NO.1 jinxiyuan shijicheng, Landianchang, Haidian District, Beijing Bank Account No #: 110060668012015061217 Routing No #: 332906 Bank SWIFT Code: COMMCNSHBJG		

Title	Format	Cost
<i>Total</i>		

Choose type of format

- Hard copy1600 USD
- PDF (Single user license)1500 USD
- PDF (Enterprisewide license).....2300 USD

※ Reports will be dispatched immediately once full payment has been received.
Payment may be made by wire transfer or credit card via Paypal.