



TiO₂ China Monthly Report



Who need it?

- **TiO₂ manufacturers**
Intending to know the consumption situation and competitors' latest actions in China's TiO₂ market, searching for raw materials suppliers and partners
- **Downstream corporations**
Understanding supply/demand dynamics of TiO₂, learning product quality, price fluctuation and development of new product
- **Import/export companies**
Paying attention to demand, supply and price fluctuation of TiO₂, as well as titanium ore demand from Chinese manufacturers
- **Consultants**
Trying to gain detailed information and insight into China's TiO₂ market, in addition to manufacturers' earning capacity
- **Venture capital investor**
Seeking for investment opportunities in China's TiO₂ market

What you have?

- PDF newsletter of 8 to 12 stories delivered monthly
- Guaranteed in-depth news
- Access to online archive of all the previous issues with downloads
- Professional solution to queries related to TiO₂

Exclusive stories monthly

China is currently the largest titanium dioxide supplier in the world, with its capacity exceeding the US in 2008 stimulated by rapidly growing domestic demand.

China's titanium dioxide industry has developed fast in the past years. The nation's total capacity reaches 1,486,000t/a in 2009, with CAGR of 17.18% in 2003-2009. Its apparent consumption reached 1,215,899 tonnes in 2008, with CAGR of 17.08% in 2005-2008. China's newly increased demand captured over 50% of the global total in 2008. Besides, China imports more than 200,000 tonnes titanium dioxide annually to satisfy the domestic demand.

In 2009, with increasing demand and improved technology, rutile TiO₂ capacity has firstly exceeded that of anatase TiO₂, showing the gradually upgraded product structure. The development of rutile TiO₂, with higher added-value and profit margin, will enhance the competitiveness of China's TiO₂ industry.

China's chloride process has achieved great progress in 2009. Jinzhou Titanium, the unique chloride process manufacturer in China, will expand its capacity to 45,000t/a in H2, 2009, and aims to achieve 100,000t/a in 2010, indicating the bright prospect of China's chloride process technology.

With the government's increasingly strict requirements on waste treatment, manufacturers are taking various measures to reduce waste discharge, such as recycling waste, adopting titanium slag, improving treatment technology, etc.

Competition among manufacturers, both domestic and overseas, is intense. Under current sluggish market, all the manufacturers are striving to reduce production cost and improve product quality to expand the profit margin.

China's titanium ore supply is highly dependent on import despite its abundant titanium resources. Owing to relatively low ore grade, coupled with insufficient exploitation, 48% of China's titanium ore depended on import in 2008, which even reached 61% in 2007. The insufficient ore supply has hindered the development of TiO₂ industry.

Facing the current economic recession, China's TiO₂ consumption will still increase with the government's vitalisation plan of the 10 industries, including automobile, iron and steel, shipbuilding, textile, petrochemical, light industry, etc, all closely related to the end use sectors of TiO₂.

CCM International Limited forecasts that China's output and demand of TiO₂ will increase at over 8% CAGR in the following five years, driven by the growing domestic consumption with the vitalising plan and other supporting measures.

TiO₂ China Monthly Report will provide intelligence of Chinese TiO₂ industry, including supply/demand, company dynamics, raw material supply, etc, and the latest policies and technological progress to facilitate your search for commercial opportunities in this promising market.



Main Contents

Required Column

■ Company dynamics

Report the latest news about companies in China, such as new launch, company expansion, merger & acquisition, cooperation, etc.

Find out stories behind the news, including company development strategy, related policy, global market situation, etc. Pay attention to DuPont's and Astron's entry.

■ Price trace

List the updated prices of TiO₂ and key raw materials in the domestic market and for export.

Trace prices of new products and imported TiO₂, etc. Figure out profit margin according to price change of raw materials and titanium dioxide. CCM International will make in-depth analysis and reveal the key factors leading to the price fluctuation.

■ Supply & demand

Cover the latest information about TiO₂ supply and demand in different regions in China, including import/export situation and the influencing factors.

Analyse the factors influencing TiO₂ supply and demand, including global macro economic situation and key policies

related to TiO₂ import/export in overseas countries, raw material supply situation, export dynamics, Chinese policy, etc.

■ Upstream

1 Titanium ore and slag

Monitor dynamics of domestic titanium ore and slag manufacturers, and impacts on titanium ore supply. Trace changes of China's titanium ore import, by volume and country.

Report development of titanium dioxide industry in Vietnam and Australia, as well as TiO₂ export policies in these two countries

2 Sulfuric acid, chlorine

Monitor self-sufficiency degree of these raw materials for titanium dioxide manufacturers and the corresponding cost reduction.

■ Downstream

Analyse important changes in downstream industries, such as changing consumption habits, etc. and the influences on domestic TiO₂ industry.

Dig out production and consumption of substitutes, and monitor newly-built downstream plants and their demand for TiO₂ (type, quality, etc).

Optional Column

■ Policy & Legislation

Report and analyse the latest policies and legislations released in China and abroad related to TiO₂ and the relevant industries, such as export rebate rate, titanium resource reserve, effluent pollutant discharging standard etc.

■ Technology improvement

Report the technology improvement of TiO₂. Analyse influences of technology improvements on China's TiO₂ industry, including cost reduction, quality improvement and efficiency increase.

■ Competitive analysis

Compare different TiO₂ producers in terms of production technologies, raw material supply, etc. and make in-depth analysis about their advantages and disadvantages, thus judging their competitiveness in the industry.

■ Value chain analysis

Compare business models among different manufacturers, and figure out their competitive advantages along the value chain, covering feedstock logistics, production, dispatching, sales, and service.

■ Specialty TiO₂

Cover the production and application of various specialty TiO₂ and analyse the development trend.

Specialty TiO₂ includes nanometer titanium dioxide, chemical fiber grade and electronic grade titanium dioxide.

CCM International Limited is an independent consulting company focused on China's chemicals market. CCM's expertise lies in market researches, news, conferences and databases, in such industries as fine chemicals, pigment, crop protection, coating, food ingredient, renewable energies, bio-technology, etc. CCM has established a good reputation as one of the key knowledge providers in these industry sectors.



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