

# GLOBAL TiO<sub>2</sub> PIGMENT PRODUCERS Comparative Cost & Profitability Study

## WHAT DO YOU RECEIVE?

The *Global TiO<sub>2</sub> Pigment Producers Comparative Cost and Profitability Study 2012*, now in its eighth year of publication, provides a detailed analysis of the TiO<sub>2</sub> pigment manufacturing industry in 2011.

In 2012 edition, 22 chloride process plants will be reviewed, representing 100% of the global chloride output in 2011. Another 35 sulfate process plants, representing 89% of global sulfate output, will also be analysed. Most of the plants excluded are smaller operations in China.

This study will provide a comparative analysis of the industry, using a consistent standard methodology. The global TiO<sub>2</sub> pigment industry is extremely opaque, with cost and production information tightly controlled by most producers, at a time when the industry is encountering significant cost pressures. TZMI, in its position as an independent consultant to the global TiO<sub>2</sub> industry, is well placed to make an independent assessment of plant-by-plant costs, based on many years of industry experience, combined with its detailed plant models. Access to information in TZMI's proprietary feedstock database, widely recognised as the best independent global source for trade and cost information, is used as the basis for the feedstock component of the *Global TiO<sub>2</sub> Pigment Producers Comparative Cost and Profitability Study*.

## WHO SHOULD BUY THIS REPORT?

This is an essential report for those wanting to maintain an up to date perspective of all elements of the industry, including:

- Pigment producers
- End-consumers (paint and coatings, paper, chemicals & others)
- Mineral sands industry participants
- New entrants to the industry
- Financial industry (fund managers, hedge funds, investors and potential investors)



## GLOBAL TiO<sub>2</sub> PIGMENT PRODUCERS COMPARATIVE COST & PROFITABILITY STUDY

A\$25,000 excluding GST.

For Australian subscribers,  
10% GST will be added to the listed price.

## WHAT INFORMATION IS INCLUDED?

In the study, TZMI identifies individual operations on the manufacturing cash cost curve and makes comments on specific costs at plants where special mention is required. The calculated cost data is also presented for defined major groups of operations in the industry, in order to highlight high level trends that define the competitiveness of the industry.

It is intended that this study will:

- Outline the methodology used for consistent comparison of operating costs across the titanium dioxide pigment industry;
- Contribute to informed debate about the parameters used for comparing relative competitiveness in the industry;
- Provide a set of specific cost and profitability data for the industry;
- Provide an industry cost curve and an industry margin curve that can be used for benchmarking both existing operations and potential new projects, provided that cost data for these operations is analysed using the same methodology as adopted in this study;
- Summarise overall cost competitive trends within the industry and highlight those factors that influenced these trends;
- Provide an overview of the medium- term outlook for the period out to 2016, particularly focusing on the potential impact of feedstock costs.

## ABOUT TZMI

TZ Minerals International (TZMI) is a global, independent consulting and publishing company with offices in Australia, the US, Europe, Africa and China. The strength of TZMI's consulting services stems from extensive practical experience in the mineral sands, titanium dioxide and coatings industries and from a comprehensive database, which has been built up over many years.

TZMI has proven expertise gained from our consultants having many years of direct operating experience in the industry at chief executive, senior operational, analytical and marketing roles. TZMI's publications and data services support the consulting activities and ensure up-to-date, high quality and comprehensive data, analysis and information across the mineral sands, zircon and TiO<sub>2</sub> pigment industries.

TZMI provides operational and technical expert advice on many areas including:

- **Mergers and acquisitions**
- **Market assessments and industry analysis**
- **Due diligence**
- **Pre-feasibility studies incl. preliminary capital and operating cost estimation**
- **Competitive cost analysis and benchmarking**
- **Technical reviews and audits**
- **Resource assessments**
- **Physical separation test work**
- **Flowsheet development**
- **Customised data analysis and reporting.**

## ORDER FORM

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