

Global and China Silica(White Carbon Black) Industry Report, 2014-2017

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Abstracts

China, the world's largest silica producer, had silica capacity of 2.20 million tons in 2013, slowing to a year-on-year increase of 8.1% and accounting for 60% of global capacity, of which 2.079 million tons were precipitated silica and 118,000 tons fumed silica, rising by 7.44% and 21.15% from a year earlier, respectively.

Ever-increasing silica capacity is attributed mainly to the increase in downstream demand, especially that of green tire and silicone rubber and the commissioning of expanded projects of producers.

In March, 2013, the LPS & HDS silica production lines in Wuxi production base of Quechen Silicon Chemical Co., Ltd., the largest precipitated silica producer in China, were completed and put into operation. The capacity of single production line is 60,000t/a. In March, 2013, the 70,000t/a LPS & HDS silica production lines of Anhui Quechen Silicon Chemical were formally put into production. As of the end of Sept. 2014, precipitated silica capacity of Wuxi Quechen totaled 250,000t/a.

While domestic private companies are expanding capacities, foreign ones are also expanding their silica capacities in China. At the end of 2013, Solvay Silica elevated the capacity of Qingdao Plant from 72,000 tons/a to 112,000 tons/a. Solvay mainly produces precipitated silica with a capacity of 380,000 tons, accounting for about 10% of global amount, and has 8 silica production bases around the globe.

In Jul. 2014, Evonik Industries announced that it would establish silicon compound plants with Jiangsu Zhongneng Polysilicon Technology Development Co. Ltd. for the production of fumed silica and ultra-pure silicon tetrachloride. The plants will have an annual capacity of over 20,000 tons, and are scheduled to start-up operation in 2016.

Evonik Industries is the world's largest silica producer with capacity of 550,000 tons, 15% of global total. Since the year 2014, the company has announced a series of plans for capacity expansion with the aim of raising its capacity in 2014 by 30% compared to 2010 levels.

From the perspective of demand, China's demand structure for precipitated silica has undergone some changes in recent years, with proportion of shoe making industry declining and that of tire rising. The improvement in tire demand proportion is largely due to the development of automobile industry, which spurs fast growth in demand for silica from tire, particularly green tire. In 2013, the downstream shoemaking industry made up 38% of total demand for silica (40% in 2011), and tire 20% (18% in 2011).

Global and China Silica Industry Report, 2014-2017 covers the following:

- Global silica market pattern, supply & demand;

- Policies, production structure, capacity, output, import & export and competitive landscape of China silica industry;

- Product segments in China silica industry, covering capacity, output and production structure of precipitated silica and fumed silica, capacities and key projects of major companies;

- Consumption structure and 6 main applications of silica in China;

- 6 global and 19 Chinese major precipitated silica and fumed silica producers.

Contents

1. OVERVIEW OF SILICA INDUSTRY

- 1.1 Definition and Classification
- 1.2 Applications
- 1.3 Industry Policy

2. DEVELOPMENT OF GLOBAL SILICA INDUSTRY

- 2.1 Market Pattern
- 2.2 Supply
- 2.3 Demand

3. DEVELOPMENT OF CHINA SILICA INDUSTRY

- 3.1 Capacity and Output
 - 3.1.1 Production Structure
 - 3.1.2 Production Figure
- 3.2 Import and Export
 - 3.2.1 Import
 - 3.2.2 Export
- 3.3 Competition

4. SEGMENTED MARKETS OF CHINA SILICA INDUSTRY

- 4.1 Precipitated Silica
 - 4.1.1 Capacity and Output
 - 4.1.2 Production Structure
 - 4.1.3 Major Producers
 - 4.1.4 Major Projects
- 4.2 Fumed Silica
 - 4.2.1 Capacity and Output
 - 4.2.2 Production Structure
 - 4.2.3 Major Producers
 - 4.2.4 Major Projects

5. DOWNSTREAM APPLICATIONS OF CHINA SILICA INDUSTRY

- 5.1 Consumption
- 5.2 Footwear
- 5.3 Tire
 - 5.3.1 Tire Output
 - 5.3.2 Demand for Silica
- 5.4 Silicone Rubber
- 5.5 Pesticide & Feed
- 5.6 Coating
- 5.7 Toothpaste

6. KEY COMPANIES IN THE WORLD

- 6.1 SOLVAY
 - 6.1.1 Profile
 - 6.1.2 Silica Business
 - 6.1.3 Operation
 - 6.1.4 Solvay Breaks Ground on New State-Of-The-Art Silica Plant in Poland
 - 6.1.5 Development in China
- 6.2 EVONIC
 - 6.2.1 Profile
 - 6.2.2 Silica Business
 - 6.2.3 Operation
 - 6.2.4 Projects
 - 6.2.5 Development in China
- 6.3 PPG
 - 6.3.1 Profile
 - 6.3.2 Silica Business
 - 6.3.3 Operation
- 6.4 Cabot
 - 6.4.1 Profile
 - 6.4.2 Silica Business
 - 6.4.3 Operation
 - 6.4.4 Cabot Bluestar Chemical (Jiangxi) Company Limited
- 6.5 Wacker
 - 6.5.1 Profile
 - 6.5.2 Silica Business
 - 6.5.3 Operation
 - 6.5.4 Wacker Chemicals (Zhangjiagang) Co., Ltd.
- 6.6 Tokuyama

- 6.6.1 Profile
- 6.6.2 Silica Business
- 6.6.3 Operation
- 6.6.4 Performance Forecast
- 6.6.5 Development Plan
- 6.6.6 Tokuyama Chemicals (Zhejiang) Co., Ltd.

7. KEY COMPANIES IN CHINA

Precipitated Silica Producers

7.1 Tong Hua Shuang Long Chemical Co., Ltd.

- 7.1.1 Profile
- 7.1.2 Output and Sales Volume of Silica
- 7.1.3 Operation
- 7.1.4 Revenue Structure
- 7.1.5 Gross Margin
- 7.1.6 R & D and Investment
- 7.1.7 Competitive Advantages
- 7.1.8 Clients and Suppliers
- 7.1.9 Acquisition of Jilin Jinbao Pharmaceutical Co., Ltd.
- 7.1.10 Performance Forecast

7.2 Do-fluoride Chemicals Co., Ltd.

- 7.2.1 Profile
- 7.2.2 Operation
- 7.2.3 Revenue Structure
- 7.2.4 Silica Business
- 7.2.5 Strategy
- 7.2.6 Performance Forecast

7.3 Shandong Haihua Company Limited

- 7.3.1 Profile
- 7.3.2 Operation
- 7.3.3 Revenue Structure
- 7.3.4 Silica Business
- 7.3.5 Performance Forecast

7.4 Longxing Chemical Stock Co., Ltd.

- 7.4.1 Profile
- 7.4.2 Operation
- 7.4.3 Revenue Structure
- 7.4.4 Silica Business

- 7.4.5 Performance Forecast
- 7.5 Shanxi Tond Chemical Co., Ltd.
 - 7.5.1 Profile
 - 7.5.2 Output and Sales Volume of Silica
 - 7.5.3 Operation
 - 7.5.4 Revenue Structure
 - 7.5.5 Gross Margin
 - 7.5.6 R & D and Investment
 - 7.5.7 Performance Forecast
- 7.6 Shandong Link Silica Co., Ltd.
 - 7.6.1 Profile
 - 7.6.2 Output and Sales Volume of Silica
 - 7.6.3 Operation
 - 7.6.4 Revenue Structure
 - 7.6.5 Gross Margin
 - 7.6.6 Clients and Suppliers
 - 7.6.7 Development Outlook
- 7.7 Zhuzhou Xinglong Chemical Industrial Co., Ltd.
- 7.8 Wuxi QueChen Silicon Chemical Co., Ltd.
 - 7.8.1 Profile
 - 7.8.2 Development Course
 - 7.8.3 Silica Products
 - 7.8.4 Competitive Advantages
 - 7.8.5 “Go Global” Strategy
- 7.9 Fujian Zhengsheng Inorganic Materials Co., Ltd.
 - 7.9.1 Profile
 - 7.9.2 Silica Products
- 7.10 Sanming City Fengrun Chemical Industry Co., Ltd.
 - 7.10.1 Profile
 - 7.10.2 Silica Products
- 7.11 Jinsha Silica Manufacturing Co., Ltd.
- 7.12 ZhengYuan Chemical Co., Ltd.
Fumed Silica Producers
- 7.13 Guangzhou GBS High-tech & Industry Co., Ltd.
- 7.14 Zhejiang Fushite Group
- 7.15 Chifeng Shengsen Silicon Technology Development Co., Ltd.
- 7.16 Jining Qingyun Chemical Co., Ltd.
- 7.17 Yichang CSC Polysilicon Co., Ltd.
- 7.18 China Silicon Corporation Ltd

7.19 Jiangxi Black Cat Carbon Black Co., Ltd.

7.19.1 Profile

7.19.2 Operation

7.19.3 Silica Business

8. MARKET REVIEW AND DEVELOPMENT FORECAST

8.1 Market Review

8.2 Development Forecast

8.2.1 Output Forecast

8.2.2 Demand Forecast

Selected Charts

SELECTED CHARTS

Classification of Silica

Main Applications of Silica

Regulations and Policies on Silica Industry in China, 2005-2014

Products, Techniques, Capacities and Production Bases for Major Silica Producers in the World (as of 2013)

Global Silica Market Share in 2013 (by Capacity)

Capacity Structure of Global Silica in 2013 (by Process)

Silica Expansion Projects in the World, 2010-2014

Consumption Structure of Global Precipitated Silica Market

Demand for Silica in USA, 2003-2018

Silica Production Structure in China, 2013 (by Output)

Capacity and Output of Silica in China, 2008-2013

Silica Import Volume in China, 2001-2014

Silica Import Value in China, 2001-2014

Silica Export Volume in China, 2001-2014

Silica Export Value in China, 2010-2014

Classification of Silica Market in China

Global Silica Producers' Layout in China

Capacity and Output of Precipitated Silica in China, 2008-2013

Number of Precipitated Silica Producers in China, 2008-2012

Capacity and Output of Precipitated Silica in China, 2012

Capacity and Output of Precipitated Silica in China, 2012 (by Nature of Enterprise)

Capacity and Output of Precipitated Silica in China, 2012 (by Regions)

Precipitated Silica Producers' Capacities in China (as of Sept. 2014)

Major Precipitated Silica Projects in China, 2013-2014

Capacity and Output of Fumed Silica in China, 2008-2013

Capacity and Output of Fumed Silica in China, 2012 (by Nature of Enterprise)

Fumed Silica Producers' Capacities in China (as of Sept. 2014)

Major Fumed Silica Projects in China, 2013-2014

Consumption Structure for Precipitated Silica in China, 2013

Consumption Structure for Fumed Silica in China, 2013

Silica Consumption in China, 2008-2013

Output and YoY Growth Rate of Leather Footwear in China, 2000-2014

Silica Consumption in Footwear Industry in China, 2010-2013

Output and YoY Growth Rate of Rubber Tire Casting, 2007-2017

Output and YoY Growth Rate of Radial Tire Casting, 2007-2017
Silica Consumption in Tire Industry in China, 2010-2013
Silica Consumption in Silicone Rubber Industry in China, 2010-2013
Feed Output and YoY Change in China, 2007-2014
Output and YoY Change of Chemical Pesticide in China, 2005-2014
Silica Consumption in Pesticide & Feed Industry in China, 2010-2013
Coating Output and YoY Change in China, 2007-2014
Silica Consumption in Coating Industry in China, 2010-2013
Silica Consumption in Toothpaste Industry in China, 2010-2013
Operation of Solvay
Global Business Distribution of Solvay
Global Silica Business Distribution of Solvay
Main Financials of Solvay, 2013-2014 (by Business)
Business Distribution of Solvay in China
Development Course of Solvay in China
Introduction to Evonik
Production Bases of Inorganic Materials of Evonik in the World
Main Financials of Evonik, 2010-2013
Main Financials of Resource Efficiency Business of Evonik, 2010-2013
Main Financials of Resource Efficiency Business of Evonik, 2013-2014
Silica Production Bases of PPG in the World
Revenue Structure of PPG (by Business), 2013
Revenue and Profit Breakdown of PPG (by Business), 2012-2013
Revenue and Profit Breakdown of PPG (by Business), 2013-2014
Global Business of Cabot
Revenue and Net Income of Cabot, FY2011-FY2014
Revenue Structure of Cabot (by Business), FY2013
Main Financials of Performance Materials of Cabot, FY2011-FY2014
Business Divisions of Wacker
Silica Production Bases of Wacker in the World
Main Financials of Wacker, 2008-2013
Revenue Structure of Wacker (by Business), 2013
Main Financials of Wacker Silicones, 2007-2013
Main Financials of Wacker, 2013-2014
Revenue Breakdown of Wacker (by Region), 2013-2014
Revenue Breakdown of Wacker (by Business), 2013-2014
Main Financials of Wacker Silicones, 2013-2014
Wacker's Medium-term Targets
Global Business of Tokuyama

Introduction to Silica Products of Tokuyama
Main Financials of Tokuyama, FY2009-FY2013
Main Financials of Tokuyama, FY2013-FY2014
Revenue Structure of Tokuyama (by Business), FY2013
Revenue and Operating Income of Tokuyama (by Business), Q1 FY2014
Revenue and Operating Income of Specialty Products of Tokuyama, FY2009-FY2014
Main Financials Forecast of Tokuyama, FY2014
Medium-term Development Plan of Tokuyama
Introduction to Tokuyama Chemicals (Zhejiang) Co., Ltd.
Silica Application Fields and Product Types of Tokuyama Chemicals (Zhejiang) Co., Ltd.
Main Silica Products and Applications of Tong Hua Shuang Long Chemical
Output and Sales Volume of Silica of Tong Hua Shuang Long Chemical, 2007-2013
Revenue and Net Income of Tong Hua Shuang Long Chemical, 2008-2014
Revenue Breakdown of Tong Hua Shuang Long Chemical (by Products), 2012-2014
Revenue Structure of Tong Hua Shuang Long Chemical (by Regions), 2008-2014
Consolidated Gross Margin of Tong Hua Shuang Long Chemical, 2008-2014
Gross Margin of Tong Hua Shuang Long Chemical (by Products), 2012-2014
R & D Projects of Tong Hua Shuang Long Chemical, H1 2014
R&D Costs and % of Total Revenue of Tong Hua Shuang Long Chemical, 2008-2014
Tong Hua Shuang Long Chemical's Revenue from Top 5 Clients and % of Total Revenue, H1 2014
Tong Hua Shuang Long Chemical's Procurement from Top 5 Suppliers and % of Total Procurement, H1 2014
Revenue and Net Income of Tong Hua Shuang Long Chemical, 2014E-2017E
Revenue and Net Income of Do-fluoride Chemicals, 2008-2014
Revenue Breakdown of Do-fluoride Chemicals (by Business), 2013-2014
Revenue Structure of Do-fluoride Chemicals (by Regions), 2008-2014
Technical Indicators of Silica of Do-fluoride Chemicals
Capacity of Do-fluoride Chemicals (by Products)
Revenue and Net Income of Do-fluoride Chemicals, 2014E-2017E
Revenue and Net Income of Shandong Haihua Company Limited, 2008-2014
Revenue Breakdown of Shandong Haihua Company Limited (by Products), 2013-2014
Revenue Structure of Shandong Haihua Company Limited (by Regions), H1 2014
Revenue of Sodium Silicate and Silica Business and % of Total Revenue of Shandong Haihua Company Limited, 2010-2013
Assets and Liabilities of Silica Plant of Shandong Haihua Company Limited, 2010-2013
Output of Silica Plant of Shandong Haihua Company Limited, 2010-2013
Revenue and Net Income of Shandong Haihua Company Limited, 2014E-2017E

Revenue and Net Income of Longxing Chemical Stock, 2008-2014
Revenue Structure of Longxing Chemical Stock (by Products), 2014
Revenue Structure of Longxing Chemical Stock (by Regions), 2011-2014
Silica Projects of Longxing Chemical Stock
Technical Indicators of Silica of Longxing Chemical Stock
Revenue, Operating Cost, and Gross Margin of Silica Business of Longxing Chemical Stock, H1 2014
Revenue and Net Income of Longxing Chemical Stock, 2014E-2017E
Types and Applications of Silica of Shanxi Tond Chemical
Output, Sales Volume, and Inventory of Silica of Shanxi Tond Chemical, 2011-2013
Revenue and Net Income of Shanxi Tond Chemical, 2008-2014
Operating Cost Structure of Shanxi Tond Chemical (by Business), 2012-2013
Revenue Structure of Shanxi Tond Chemical (by Business), 2011-2014
Revenue and YoY Change of Silica Business of Shanxi Tond Chemical, 2011-2014
Revenue Structure of Silica Business of Shanxi Tond Chemical (by Regions), 2011-2014
Gross Margin of Shanxi Tond Chemical (by Products), 2011-2014
R&D Costs and % of Total Revenue of Shanxi Tond Chemical, 2011-2014
Silica R & D Projects of Shanxi Tond Chemical
Revenue and Net Income of Shanxi Tond Chemical, 2014E-2017E
Silica Production Structure of Shandong Link Silica (by Output) (as of Mar.2014)
Silica Product Types and Applications of Shandong Link Silica
Capacity, Output, and Sales Volume of Silica of Shandong Link Silica, 2009-2014
Main Operating Indicators of Shandong Link Silica, 2009-2014
Revenue Structure of Silica of Shandong Link Silica (by Products), 2009-2014
Revenue Structure of Silica of Shandong Link Silica (by Regions), 2009-2014
Gross Margin of Shandong Link Silica, 2009-2014
Shandong Link Silica's Procurement from Top 5 Suppliers and % of Total Procurement, 2013
Shandong Link Silica's Revenue from Top 5 Clients and % of Total Revenue, 2013
Development Course of Wuxi QueChen Silicon Chemical
Product Types and Models of Silica of Wuxi QueChen Silicon Chemical
Marketing Network of Fujian Zhengsheng Inorganic Materials
Product Types and Applications of Fujian Zhengsheng Inorganic Materials
Development Milestones of Sanming City Fengrun Chemical
Product Types and Applications of Silica of Sanming City Fengrun Chemical
Product Types and Applications of Silica of ZhengYuan Chemical
Product Types and Models of Guangzhou GBS High-tech & Industry
Technical Indicators of Zhejiang Fushite Group

Development Course of Yichang CSC Polysilicon
Revenue and Net Income of Jiangxi Black Cat Carbon Black, 2008-2014
Revenue and Gross Margin of Silica Business of Jiangxi Black Cat Carbon Black,
2011-2014
Silica Output in China, 2014E-2017E
Consumption Structure of Green Tire in the World (by Regions), 2017E
Green Tire Market Share in Major Asian Countries, 2020E

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