



**China Thermal Insulation Material Industry
Report, 2012**

Oct. 2012

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 China Insulation & Energy Efficiency Materials Association, National Bureau of Statistics of China and China Customs etc.

Abstract

Thermal insulation materials, with good heat-shielding properties, meet the thermal environment required by the building space or thermal equipment, and conserve energy.

In recent year, China's thermal insulation material industry has entered a stage of steady and rapid development, with output up to 4.928 million tons in 2011, more than doubled that in 2005. Following the propulsion of energy conservation and emissions reduction in China, especially the development of building energy efficiency in both depth and breadth, China's thermal insulation material output in 2012 is expected to outnumber 5.5 million tons.

Thermal Insulation Material Output in China, 2005-2012 (Unit: kt)



Source: China Insulation & Energy Efficiency Materials Association:
ResearchInChina <China Thermal Insulation Material Industry Report, 2012>

China Thermal Insulation Material Industry Report, 2012 of ResearchInChina makes an analysis on the development of thermal insulation materials in China, as well as the markets for major thermal insulation material products and related key enterprises.

Thermal insulation materials, based on the material, can be divided into organic, inorganic and metal thermal insulation materials.

Among organic thermal insulation materials, polystyrene foam and polyurethane foam have always occupied the dominant position, however, due to flammability and toxic substances released by combustion, the former is gradually being replaced; the latter, despite excellent thermal insulation properties, has frequently caused fire because of low (B grade) fireproof performance.

On March 14, 2011, The Ministry of Public Security of the People's Republic of China issued the Notice on Further Specifying Fire Management Requirements on External Thermal Insulation Materials for Civil Construction, which demanded A grade combustion performance of external thermal insulation materials for civil construction, thus directly restricting applications of polyurethane foam, etc. in the field of exterior wall insulation, while some organic insulation materials such as phenolic foam with A grade combustion performance saw a sharp rise.

In 2011, the output of phenolic foam board for exterior wall insulation in China reached 510,000 tons, an increase of nearly eight times over 2010, which also spawned a number of emerging enterprises like Lions Group, Xiamen Goot Advanced Material Co., Ltd. and Chengdu Longsheng Science & Technology Co., Ltd.

In contrast, the majority of inorganic insulation materials can meet A grade fire protection requirements; in the current Chinese market, the most commonly used materials refer to rock wool, aluminum silicate fiber, etc. Advocated by green energy-saving building materials, rock wool, glass wool and other polluting inorganic thermal insulation materials have encountered restrictions, while new materials such as aluminum silicate fiber, foam concrete, foam glass and aerated concrete have witnessed wide application.

Aluminum silicate fiber, also known as ceramic fiber, has recently seen rapid development in China, with output in 2011 exceeding 500,000 tons. Shandong Luyang Share Co., Ltd. is the largest ceramic fiber production enterprise in China.

As a kind of green energy-efficient building materials, foam concrete is deemed as one of the country's key popularized products. In 2011, relevant manufacturers amounted to more than 1,300, with output in excess of 10 million cubic meters, represented by Henan Huatai Building Materials Development Co., Ltd., Zhumadian City Yongtai Energy-Saving Building Materials Equipment Limited Company, and so on.

Relying on the advantages in fire prevention, thermal insulation and price, foam glass has achieved mass production in regions including Jiaxing (Zhejiang Province) and Lanzhou (Gansu Province), and representative enterprises include Zhejiang ZhenShen Cold Insulation Technology Co., Ltd., Zhejiang Dehe Cold Insulation Technology Co., Ltd. and Lanzhou Pengfei Heat Preservation Co., Ltd.

1. Introduction of Thermal Insulation Materials

- 1.1 Definition
- 1.2 Classification
- 1.3 Applications

2. Development Environment of Thermal Insulation Materials in China

- 2.1 Industry Environment
- 2.2 Policy Environment

3. Development of Thermal Insulation Materials in China

- 3.1 Industry Scale
- 3.2 Supply
 - 3.2.1 Output
 - 3.2.2 Output Structure
- 3.3 Demand
 - 3.3.1 Demand Structure
 - 3.3.2 Demand Forecast
- 3.4 Competitive Landscape
 - 3.4.1 Product Competition
 - 3.4.2 Enterprise Competition

4. Development of Organic Thermal Insulation Materials in China

- 4.1 Overview
- 4.2 Polystyrene Foam
 - 4.2.1 Profile

- 4.2.2 Application
- 4.2.3 Problems
- 4.3 Rigid Polyurethane Foam
 - 4.3.1 Profile
 - 4.3.2 Consumption
 - 4.3.3 Development Prospects
- 4.4 Phenolic Foam
 - 4.4.1 Profile
 - 4.4.2 Application
 - 4.4.3 Development Trends

5. Development of Inorganic Thermal Insulation Materials in China

- 5.1 Overview
- 5.2 Rockwool
 - 5.2.1 Profile
 - 5.2.2 Development Status
- 5.3 Aluminum Silicate Fiber
 - 5.3.1 Profile
 - 5.3.2 Development Status
- 5.4 Foam Concrete
 - 5.4.1 Profile
 - 5.4.2 Production
 - 5.4.3 Application
 - 5.4.4 R&D
- 5.5 Aerated Concrete
- 5.6 Foam Glass

6. Key Enterprises in China

- 6.1 Lecron Energy Saving Materials Co., Ltd.
- 6.2 Nanjing Hongbaoli Co., Ltd.
- 6.3 Guangdong Wanhua Rongwei Polyurethanes Co., Ltd.
- 6.4 Xiamen Goot Advanced Material Co., Ltd.
- 6.5 Beijing Lions Group
- 6.6 Shandong Shengquan Chemical Co Ltd.
- 6.7 Beijing New Building Materials Public Limited Company
- 6.8 Shandong Luyang Share Co., Ltd.
- 6.9 Beijing Star Building Materials Co., Ltd.
 - 6.9.2 Operation
- 6.10 Shanghai ABM Rock Wool Co., Ltd.
- 6.11 Henan Huatai Building Materials Development Co., Ltd.
- 6.12 Zhumadian City Yongtai Energy-Saving Building Materials Equipment Limited Company
- 6.13 Nanjing Asahi-Jiantong New Building Materials Co., Ltd.
- 6.14 Zhejiang New Century Building Material Co., Ltd.
- 6.15 Shanghai Ytong Co., Ltd.
- 6.16 Zhejiang ZhenShen Cold Insulation Technology Co., Ltd.
- 6.17 Zhejiang Dehe Cold Insulation Technology Co., Ltd.
- 6.18 Lanzhou Pengfei Heat Preservation Co., Ltd.

- Classification of Thermal Insulation Materials
- Sales of China Thermal Insulation Material Industry, 2005-2012
- Thermal Insulation Material Output in China, 2005-2012
- Output of Chinese Thermal Insulation Materials by Products, 2010-2011
- Output of Chinese Composite Thermal Insulation Products, 2010-2011
- Performance Comparison of Several Foam Plastics in China
- XPS Applications in Construction Field
- Consumption Structure of American Rigid Polyurethane Foam, 2011
- Rigid Polyurethane Foam Consumption in China, 2006-2012
- Consumption Structure of Chinese Rigid Polyurethane Foam, 2011
- Performance of Common Inorganic Thermal Insulation Materials
- Aluminum Silicate Fiber Output in China, 2007-2011
- Performance of Foam Concrete
- Foam Concrete Output in China, 2008-2012
- Foam Concrete Business Structure in China, 2011
- Foam Concrete Output in China by Application Fields, 2011
- Aerated Concrete Output in China, 2005-2012
- Revenue and Net Income of Lecron Energy Saving Materials, 2009-2011
- Capacity, Output and Sales Volume of Combined Polyether Rigid Foam of Lecron Energy Saving Materials, 2008-2011
- Operating Revenue of Lecron Energy Saving Materials by Products, 2009-2011
- Name List and Revenue Contribution of Lecron Energy Saving Materials' Top 5 Clients, 2011
- Revenue and Net Income of Lecron Energy Saving Materials, 2012-2014
- Revenue and Net Income of Nanjing Hongbaoli, 2008-2012
- Capacity of Polyether Rigid Foam of Nanjing Hongbaoli, 2009-2012
- Operating Revenue of Nanjing Hongbaoli by Products, 2009-2012

- 
- Revenue Breakdown of Nanjing Hongbaoli by Region, 2009-2011
 - Gross Margin of Nanjing Hongbaoli by Products, 2009-2012
 - Revenue and Net Income of Shandong Luyang Share, 2008-2012
 - Operating Revenue of Shandong Luyang Share by Products, 2008-2012
 - Gross Margin of Shandong Luyang Share, 2008-2012
 - Gross Margin of Shandong Luyang Share by Products, 2009-2012
 - Development Course of Ytong in China

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/ 82601561

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

Party B:			
Name:	Beijing Waterwood Technologies Co., Ltd (ResearchInChina)		
Address:	Room 502, Block 3, Tower C, Changyuan Tiandi Building, No. 18, Suzhou Street, Haidian District, Beijing, China 100080		
Contact Person:	Li Chen	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

- PDF (Single user license)1,550 USD
- Hard copy 1,650 USD
- PDF (Enterprisewide license)..... 2,400 USD

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