

China Thermal Insulation Material Industry Report, 2012

<https://marketpublishers.com/r/C4A3629C9F9EN.html>

Date: October 2012

Pages: 62

Price: US\$ 1,550.00 (Single User License)

ID: C4A3629C9F9EN

Abstracts

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.

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.

Contents

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
 - 5.5.1 Profile
 - 5.5.2 Development Status
 - 5.5.3 Development Prospects
- 5.6 Foam Glass
 - 5.6.1 Profile
 - 5.6.2 Development Status
 - 5.6.3 Development Prospects

6. KEY ENTERPRISES IN CHINA

- 6.1 Lecron Energy Saving Materials Co., Ltd.
 - 6.1.1 Profile
 - 6.1.2 Operation
 - 6.1.3 Revenue Structure
 - 6.1.4 Competitive Advantage
 - 6.1.5 Fundraising and Investment Projects
- 6.2 Nanjing Hongbaoli Co., Ltd.
 - 6.2.1 Profile
 - 6.2.2 Operation
 - 6.2.3 Revenue Structure

- 6.2.4 Gross Margin
- 6.2.5 Competitive Advantage
- 6.3 Guangdong Wanhua Rongwei Polyurethanes Co., Ltd.
 - 6.3.1 Profile
 - 6.3.2 Operation
- 6.4 Xiamen Goot Advanced Material Co., Ltd.
 - 6.4.1 Profile
 - 6.4.2 Operation
- 6.5 Beijing Lions Group
 - 6.5.1 Profile
 - 6.5.2 Operation
- 6.6 Shandong Shengquan Chemical Co Ltd.
 - 6.6.1 Profile
 - 6.6.2 Operation
- 6.7 Beijing New Building Materials Public Limited Company
 - 6.7.1 Profile
 - 6.7.2 Operation
- 6.8 Shandong Luyang Share Co., Ltd.
 - 6.8.1 Profile
 - 6.8.2 Operation
 - 6.8.3 Revenue Structure
 - 6.8.4 Gross Margin
 - 6.8.5 Project Progress
- 6.9 Beijing Star Building Materials Co., Ltd.
 - 6.9.1 Profile
 - 6.9.2 Operation
- 6.10 Shanghai ABM Rock Wool Co., Ltd.
 - 6.10.1 Profile
 - 6.10.2 Operation
 - 6.10.3 R&D
- 6.11 Henan Huatai Building Materials Development Co., Ltd.
 - 6.11.1 Profile
 - 6.11.2 Operation
- 6.12 Zhumadian City Yongtai Energy-Saving Building Materials Equipment Limited Company
 - 6.12.1 Profile
 - 6.12.2 Operation
- 6.13 Nanjing Asahi-Jiantong New Building Materials Co., Ltd.
 - 6.13.1 Profile

- 6.13.2 Operation
- 6.14 Zhejiang New Century Building Material Co., Ltd.
 - 6.14.1 Profile
 - 6.14.2 Operation
- 6.15 Shanghai Ytong Co., Ltd.
 - 6.15.1 Profile
 - 6.15.2 Operation
- 6.16 Zhejiang ZhenShen Cold Insulation Technology Co., Ltd.
 - 6.16.1 Profile
 - 6.16.2 Operation
- 6.17 Zhejiang Dehe Cold Insulation Technology Co., Ltd.
 - 6.17.1 Profile
 - 6.17.2 Operation
- 6.18 Lanzhou Pengfei Heat Preservation Co., Ltd.
 - 6.18.1 Profile
 - 6.18.2 Operation

Selected Charts

SELECTED CHARTS

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

I would like to order

Product name: China Thermal Insulation Material Industry Report, 2012

Product link: <https://marketpublishers.com/r/C4A3629C9F9EN.html>

Price: US\$ 1,550.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/C4A3629C9F9EN.html>

To pay by Wire Transfer, please, fill in your contact details in the form below:

First name:
Last name:
Email:
Company:
Address:
City:
Zip code:
Country:
Tel:
Fax:
Your message:

****All fields are required**

Customer signature _____

Please, note that by ordering from marketpublishers.com you are agreeing to our Terms & Conditions at <https://marketpublishers.com/docs/terms.html>

To place an order via fax simply print this form, fill in the information below and fax the completed form to +44 20 7900 3970