

Global and China Aluminum Heat Transfer Material Industry Report, 2013-2016

<https://marketpublishers.com/r/GDC4C987C80EN.html>

Date: March 2014

Pages: 93

Price: US\$ 2,200.00 (Single User License)

ID: GDC4C987C80EN

Abstracts

Aluminum heat transfer composites are mainly used in heat exchange systems of automobiles, home appliances, machinery and equipment as well as air-cooling systems of thermal power stations. In 2013, the global output of aluminum heat transfer composites reached about 1.34 million tons, representing a year-on-year increase of 7.2%. Affected by the global economic downturn and China's economic slowdown, the downstream demand for machinery, equipment, power stations, home appliances, etc. declined, resulting in the sluggish demand for aluminum heat transfer composites, with a growth rate of only 6.9% in 2013.

China is a major consumer of aluminum heat transfer composites in the world. In 2013, the rapid growth of Chinese automobile market effectively boosted the demand for aluminum heat transfer composites to 510,600 tons. Driven by Chinese automotive light-weighting, machinery and equipment, household appliances and other industries, China's demand for aluminum heat transfer composites will continue to grow in the coming years.

The report focuses on the following aspects:

Market supply and demand, market competition and development trends of the global aluminum heat transfer composites industry;

Supply and demand, market competition patterns and development trends of China aluminum heat transfer composites industry;

Demand of major Chinese aluminum heat transfer composites downstream industries;

Operation and Chinese business of 7 global aluminum heat transfer composites manufacturing enterprises;

Operation and development of 14 Chinese aluminum heat transfer composites manufacturing enterprises.

Note: The capacity of foreign-funded companies refers to the capacity of their subsidiaries in Chinese provinces.

On a global basis, the aluminum heat transfer composites market is monopolized by several large corporations from the United States, Europe, Japan, Canada, etc. With the rapid development of China automobile industry, foreign enterprises have set up factories in China. Subject to technical constraints and other reasons, Chinese companies started late, only a few companies such as Yinbang, Huafon Group and Northeast Light Alloy develop stably.

Sapa is the world's largest producer of aluminum profiles, and also one of major manufacturers of automotive aluminum heat transfer composites (sheets, strips, foils) in the world. Impacted by business mergers and acquisitions, Sapa established a wholly owned subsidiary - Gr?nges specializing in aluminum heat transfer composites. Thus, Sapa's Chinese subsidiary was renamed Gr?nges Aluminum Heat Transfer (Shanghai) Co., Ltd. which is still engaged in the production of automotive heat transfer materials. In recent years, the subsidiary has continuously expanded its capacity; as of 2013, its capacity hit 120 kt/a.

Yinbang, as one of Chinese leaders in aluminum heat transfer composites, has increased investment in scientific research in recent years and successfully developed high-value-added products such as aluminum alloy composites and aluminum steel composite strips. In 2012, the company went public on A-share stock exchange and used the raised funds to build a laminated metal composites expansion project which is expected to go into operation in 2016 when the company's total aluminum heat transfer composites capacity may hit 200 kt/a.

Huafon Nikkei Aluminium Corporation produces aluminum alloy heat transfer composites (sheets, strips, foils). The company was formerly know as Huafon Aluminum Co., Ltd whose shares were bought by Nippon Light Metal Co., Ltd. in November 2012. Currently, the company is constructing Civil Air Conditioner Aluminum Alloy Composites

Project Phase II with annual capacity of 50,000 tons; upon completion, the company's aluminum heat transfer composites capacity will attain 130 kt/a.

Contents

1 OVERVIEW OF ALUMINUM HEAT TRANSFER COMPOSITES

- 1.1 Definition
- 1.2 Classification
- 1.3 Industry Chain
- 1.4 Production Process

2 STATUS QUO OF GLOBAL ALUMINUM HEAT TRANSFER COMPOSITES INDUSTRY

- 2.1 Overview
- 2.2 Supply
- 2.3 Demand

3 STATUS QUO OF CHINA ALUMINUM HEAT TRANSFER COMPOSITES INDUSTRY

- 3.1 Policy
- 3.2 Industrial Environment
- 3.3 Supply
- 3.4 Demand

4 DEMAND OF MAJOR CHINESE ALUMINUM HEAT TRANSFER COMPOSITES DOWNSTREAM INDUSTRIES

- 4.1 Automotive Industry
- 4.2 Machinery and Equipment
- 4.3 Air Cooling Systems of Power Plants
- 4.4 Household Appliances

5 GLOBAL ALUMINUM HEAT TRANSFER COMPOSITES MANUFACTURERS

- 5.1 ALCOA
 - 5.1.1 Profile
 - 5.1.2 Operation
 - 5.1.3 Revenue Structure
 - 5.1.4 R & D

- 5.1.5 Aluminum Rolling Business
- 5.1.6 Business in China
- 5.1.7 Alcoa Kunshan Aluminum Products Co., Ltd
- 5.2 Wickedder
 - 5.2.1 Profile
 - 5.2.2 Aluminum Heat Transfer Composites Business
 - 5.2.3 Business in China
- 5.3 Gr?nges (Sapa Heat Transfer)
 - 5.3.1 Profile
 - 5.3.2 Operation
 - 5.3.3 Revenue Structure
 - 5.3.4 Business in China
 - 5.3.5 Gr?nges Aluminum Heat Transfer (Shanghai) Co., Ltd. (formerly known as Sapa Heat Transfer (Shanghai) Ltd)
- 5.4 Norsk Hydro
 - 5.4.1 Profile
 - 5.4.2 Operation
 - 5.4.3 Revenue Structure
 - 5.4.4 R & D
 - 5.4.5 Aluminum Heat Transfer Composites Business (Rolled Products)
 - 5.4.6 Business in China
- 5.5 Aleris
 - 5.5.1 Profile
 - 5.5.2 Operation
 - 5.5.3 Revenue Structure
 - 5.5.4 Aluminum Heat Transfer Composites Business
 - 5.5.5 Business in China
- 5.6 Novelis
 - 5.6.1 Profile
 - 5.6.2 Operation
 - 5.6.3 Aluminum Heat Transfer Composites Business
- 5.7 Kobe Steel
 - 5.7.1 Profile
 - 5.7.2 Operation
 - 5.7.3 Aluminum Heat Transfer Composites Business
 - 5.7.4 Business in China

6 CHINESE ALUMINUM HEAT TRANSFER COMPOSITES MANUFACTURERS

6.1 Yinbang (300337)

- 6.1.1 Profile
- 6.1.2 Operation
- 6.1.3 Revenue Structure
- 6.1.4 Gross Margin
- 6.1.5 Output and Sales Volume
- 6.1.6 Customers and Suppliers
- 6.1.7 R & D and Investment
- 6.1.8 Business Expansion
- 6.1.9 Development Prospect

6.2 Jiangsu ALCHA Aluminium Co., Ltd (002160)

- 6.2.1 Profile
- 6.2.2 Operation
- 6.2.3 Revenue Structure
- 6.2.4 Investment
- 6.2.5 Development Prospect

6.3 Northeast Light Alloy Co., Ltd

- 6.3.1 Profile
- 6.3.2 Operation
- 6.3.3 Revenue Structure
- 6.3.4 Gross Margin
- 6.3.5 Aluminum Alloy Output and Sales Volume
- 6.3.6 Investment
- 6.3.7 Development Prospect

6.4 Southwest Aluminum (Group) Co., Ltd

- 6.4.1 Profile
- 6.4.2 Operation

6.5 Huaфон Nikkei Aluminium Corporation

- 6.5.1 Profile
- 6.5.2 Operation

6.6 Nantong Hua Te Aluminum Heat Transfer Co., Ltd

- 6.6.1 Profile
- 6.6.2 Capacity
- 6.6.3 R & D

6.7 Weifang Sanyuan Aluminum Co., Ltd

6.8 Nantong Hengxiu Aluminum Heat Transfer Material Co., Ltd

- 6.8.1 Profile
- 6.8.2 Operation

6.9 Harbin Song Run Metal Products Co., Ltd

6.9.1 Profile

6.9.2 Aluminum Heat Transfer Composites Business

6.10 Changsha Zhongxing Aluminum Co., Ltd

6.11 Others

6.11.1 Shanghai Saxin Aluminum Co., Ltd

6.11.2 Wuxi Guanyun Aluminum Co., Ltd

6.11.3 Xuzhou Caifa Aluminum Heat Transfer Co., Ltd

6.11.4 Zhenjiang Yuanlong Aluminum Co., Ltd

7 CONCLUSION AND FORECAST

7.1 Conclusion

7.2 Forecast

7.2.1 Global Market

7.2.2 Chinese Market

Selected Charts

SELECTED CHARTS

Structure and Properties of Aluminum Alloy Composites
Structure of Aluminum-based Multi-metal Composites
Industrial Chain of Aluminum-based Layered Metal Composites
Global Output of Aluminum Heat Transfer Composites, 2006-2013
Global Demand for Aluminum Heat Transfer Composites, 2006-2013
Policies Related with Aluminum Heat Transfer Composites in China, 2006-2013
China's Aluminum Output and YoY Growth, 2006-2013
China's Aluminum Alloy Output and YoY Growth, 2006-2013
China's Aluminum Heat Transfer Composites Capacity, 2006-2013
China's Aluminum Heat Transfer Composites Capacity (by Product), 2006-2013
China's Demand for Aluminum Heat Transfer Composites, 2006-2013
China's Demand for Aluminum Heat Transfer Composites (by Product), 2006-2013
Quantity of Aluminum Heat Transfer Composites Used in Automotive Parts
Automobile Output & Ownership and Demand for Aluminum Alloy Composites in China, 2000-2016E
Machinery & Equipment Output and Demand for Aluminum Heat Transfer Composites in China, 2010-2016E
Newly Installed Capacity and Demand of Chinese Thermal Power Stations for Aluminum Heat Transfer Composites, 2011-2016E
China's Air-conditioner Output and Demand for Aluminum Heat Transfer Composites, 2011-2016E
Alcoa's Revenue and Net Income, 2007-2013
Alcoa's Revenue Percentage (by Business), 2012
Alcoa's Revenue Breakdown and Percentage (by Country/Region), 2010-2012
Alcoa's R&D Costs and % of Total Revenue, 2007-2013
Alcoa's Revenue and Profit of Rolled Products, 2009-2012
Alcoa's Aluminum Rolled Product Subsidiaries and Products (by Country/Region), 2013
Alcoa's Revenue in China and % of Total Revenue, 2009-2012
Main Products and Applications of Wickeder's EMS Division, 2013
Development History of Granges, 1896-2013
Geographical Distribution of Granges
Sapa's Heat Transfer Revenue and Operating Income, 2010-2013
Revenue Percentage of Granges (formerly Sapa's Heat Transfer Business) (by Region), 2010-2012
Sapa's Heat Exchanger Material Capacity, 1999-2013

Revenue and Net Income of Norsk Hydro, 2009-2013
Revenue Breakdown and Percentage of Norsk Hydro (by Business), 2011-2013
Revenue Breakdown and Percentage of Norsk Hydro (by Country/Region), 2010-2012
Rolling Products and Capacity of Norsk Hydro (by Factory), 2013
Distribution of Aluminum Heat Transfer Business of Norsk Hydro, 2013
Rolled Product Revenue and Profit of Norsk Hydro, 2010-2013
Rolled Product Sales Volume (by Downstream) of Norsk Hydro, 2011-2013
Rolled Product Output of Norsk Hydro for External Markets (by Factory), 2011-2012
Aleris' Revenue and Net Income, 2008-2013
Aleris' Revenue Breakdown and Percentage (by Business), 2010-2013
Aleris' Revenue Breakdown and Percentage (by Region), 2010-2012
Aleris' Aluminum Rolled Product Revenue (Business), 2010-2013
Aleris' Aluminum Rolled Product Sales Volume (by Business), 2010-2013
Aleris' Subsidiaries in China, 2013
Revenue and Net Income of Novelis, FY2008-FY2014
Business Structure of Kobe Steel, 2013
Sales and Net Income of Kobe Steel, FY2007-FY2014
Yinbang's Revenue and Net Income, 2008-2013
Yinbang's Revenue (by Business), 2008-2013
Yinbang's Revenue (by Region), 2008-2013
Yinbang's Gross Margin (by Business), 2008-2013
Yinbang's Output, Sales Volume and Sales/Output Ratio (by Product), 2009-2011
Name List and Revenue Contribution of Yinbang's Top 5 Clients, 2013H1
Yinbang's R&D Costs and % of Total Revenue, 2009-2013
Yinbang's Main Projects under Construction, 2013
Yinbang's Revenue and Net Income, 2012-2016E
ALCHA's Revenue and Net Income, 2008-2013
ALCHA's Revenue (by Product), 2008-2013
ALCHA's Revenue (by Region), 2008-2013
ALCHA's Revenue and Net Income, 2012-2016E
Subsidiaries and Their Businesses of Northeast Light Alloy, 2013
Revenue and Net Income of Northeast Light Alloy, 2010-2013
Production Lines of Northeast Light Alloy, as of the end of Sep. 2013
Aluminum Alloy Revenue Breakdown and Percentage of Northeast Light Alloy (by Product), 2010-2013
Gross Margin of Northeast Light Alloy (by Product), 2010-2013
Aluminum Alloy Capacity and Output of Northeast Light Alloy (by Product), 2010-2013
Aluminum Alloy Sales Volume, Sales/Output Ratio and Price of Northeast Light Alloy (by Product), 2010-2013

Projects of Northeast Light Alloy under Construction, as of the end of Sep. 2013
Revenue and Net Income of Northeast Light Alloy, 2012-2016E
Revenue and Net Income of Southwest Aluminum, 2012-2013
Revenue Percentage of Southwest Aluminum (by Product)
Huafon's Key Aluminum Heat Transfer Composites Projects, 2010-2013
Capacity of Aluminum Heat Transfer Composites of Nantong Hua Te, 2005-2013
Sanyuan's Key Projects, 2011-2013
Major Clients of Nantong Hengxiu
Major Products and Applications of Guanyun Aluminum, 2013
Capacity of Aluminum Heat Transfer Products of Guanyun Aluminum, 2013
Revenue of Main Global and Chinese Aluminum Heat Transfer Composites
Manufacturers, 2012-2013
Capacity of Major Aluminum Heat Transfer Composites Enterprises in China, 2013
Global Aluminum Heat Transfer Composites Output and Demand, 2011-2016E
China's Aluminum Heat Transfer Composites Capacity and Demand, 2011-2016E

I would like to order

Product name: Global and China Aluminum Heat Transfer Material Industry Report, 2013-2016

Product link: <https://marketpublishers.com/r/GDC4C987C80EN.html>

Price: US\$ 2,200.00 (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/GDC4C987C80EN.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