

China Rigid Polyurethane Foam and Raw Materials Report, 2009-2012

<https://marketpublishers.com/r/C9132B8CC8DEN.html>

Date: October 2010

Pages: 57

Price: US\$ 1,600.00 (Single User License)

ID: C9132B8CC8DEN

Abstracts

Rigid polyurethane foam is mainly applied in such fields as refrigerator and freezer, automobile, water heater, and heat preservation of building. According to the structure of demand for polyurethane in China in 2009, refrigerator and freezer took the largest proportion and accounted for 39.4% of the total consumption of rigid polyurethane foam, while building heat preservation held merely 4.2%; in the USA, however, building heat preservation accounted for more than 50% of the total consumption of rigid polyurethane foam. The difference in consumption structure results from the fact that China, as a big manufacturer of refrigerator and freezer, has a relatively large demand for rigid polyurethane foam in the field of refrigerator and freezer, but, with few requirements on building energy conservation and hence low utilization of heat insulators for external walls in the past, has a relatively small demand for rigid polyurethane foam in the field of building heat preservation.

With China's increasing requirements on building energy saving and the excellent heat insulation and preservation performance of rigid polyurethane foam, there will be great development space for the application of rigid polyurethane foam in building energy saving field. In addition, the application of rigid polyurethane foam in solar water heater field will also see a rapid growth.

The report underlines not only the demand, the demand structure, as well as the future demand growth, supply & demand balance, and import & export of rigid polyurethane foam but also the development of major manufacturers of rigid polyurethane foam 'black material' (polymeric MDI) and 'white material' (rigid polyurethane foam combined polyether).

In regard to rigid polyurethane foam 'black material' (polymeric MDI) industry, the

entire market is dominated by a few manufacturers: besides Yantai Wanhua Polyurethanes Co., Ltd., only seven companies worldwide including BASF, Bayer, Huntsman, Dow Chemical, and Japan's NPU are in possession of the core production technology of MDI. Chinese manufacturers of polymeric MDI cover Yantai Wanhua Polyurethanes Co., Ltd., Bayer Polymers (Shanghai), Shanghai Lianheng Isocyanate Co., Ltd. (a joint venture of BASF in China), etc., wherein, Yantai Wanhua accounts for more than 60% of the total capacity. There are many, over 20 in 2009, manufacturing enterprises in rigid polyurethane foam combined polyether industry, with relatively scattered capacity distribution and comparatively low enterprise concentration ratio. Nevertheless, along with the capacity expansion of companies like Nanjing Hongbaoli Co., Ltd., Hebei Yadong Chemical Group Co., Ltd., and Bayer (China), the concentration ratio of 'white material' manufacturers will witness an evident rise.

Contents

1. INTRODUCTION OF RIGID POLYURETHANE FOAM INDUSTRY

1.1 Overview

1.1.1 Profile

1.1.2 Industrial Chain

1.1.3 Production Technology

1.2 Characteristics

2. PRODUCTION OF RIGID POLYURETHANE FOAM

2.1 Production of 'Black Material'

2.2 Production of 'White Material'

3. DEMAND FOR RIGID POLYURETHANE FOAM

3.1 Demand and Demand Structure

3.1.1 Application in Refrigerator and Freezer Industry

3.1.2 Application in Automobile Industry

3.1.3 Application in Water Heater Industry

3.1.4 Application in Building Heat Preservation Industry

3.1.5 Application in Other Industries

3.2 Demand for 'Black Material' and 'White Material'

4. SUPPLY & DEMAND BALANCE AND PRICE OF RIGID POLYURETHANE FOAM

4.1 Supply & Demand Balance

4.2 Price

4.2.1 Polymeric MDI

4.2.2 Rigid Polyurethane Foam Combined Polyether

5. IMPORT AND EXPORT OF RIGID POLYURETHANE FOAM

5.1 Import and Export

5.2 Import and Export of 'Black Material' and 'White Material'

6. KEY ENTERPRISES

6.1 BASF

6.1.1 Polyurethane Project

6.1.2 Development in China

6.1.3 Building Energy Saving Application Project of Rigid Polyurethane Foam

6.2 Bayer

6.2.1 Polyurethane Project

6.2.2 Development in China

6.3 Huntsman

6.3.1 Polyurethane Project

6.3.2 Development in China

6.4 KPX Chemical Co., Ltd.

6.5 Nippon Polyurethane Industry Co., Ltd.

6.6 Yantai Wanhua Polyurethanes Co., Ltd.

6.6.1 Profile and Operation

6.6.2 Polymeric MDI Business

6.7 Nanjing Hongbaoli Co., Ltd.

6.7.1 Profile

6.7.2 Operation

6.7.3 Strategy of Rigid Polyurethane Foam Combined Polyether

6.8 Hebei Yadong Chemical Group Co., Ltd.

6.9 Jurong City Ningwu Chemical Co., Ltd.

6.10 Shandong Dongda Polymer Stock Co., Ltd.

6.11 Guangzhou Yutian Polyurethane Co., Ltd.

6.12 Shaoxing Hengfeng Polyurethane Industry Co., Ltd.

6.13 Suzhou Sinochem International Polyurethane Co., Ltd.

7. DEVELOPMENT TREND OF RIGID POLYURETHANE FOAM INDUSTRY

Selected Charts

SELECTED CHARTS

Polyurethane Industrial Chain

Raw Materials and Application of Rigid Polyurethane Foam

Production Technology of Rigid Polyurethane Foam by Molding Method

Polymeric MDI Enterprises and Capacity in China, 2010

Major Polymeric MDI Enterprises and Output in China, 2010

Capacity of Rigid Polyurethane Foam Combined Polyether in China, 2009-2012E

Capacity of Rigid Polyurethane Foam Combined Polyether Enterprises in China, 2009-2012E

Downstream Demand Structure of Rigid Polyurethane Foam in China, 2009

Downstream Demand Structure of Rigid Polyurethane Foam in the USA, 2009

Demand and Growth Rate of Rigid Polyurethane Foam in China, 2009-2012E

Refrigerator and Freezer Output in China, 2010-2012E

Rigid Polyurethane Foam Demand from Refrigerator and Freezer Industry in China, 2010-2012E

Rigid Polyurethane Foam Demand from Automobile Industry in China, 2009-2012E

Recent Policies of Solar Water Heater Promotion

Output of Electric Water Heater and Solar Water Heater in China, 2009-2012E

Rigid Polyurethane Foam Demand from Water Heater Industry in China, 2009-2012E

Sketch Map of Traditional Heat Insulators for Walls

Performance Comparison of Major Heat Insulators for Buildings

Thickness of Different Heat Insulators to Reach the Same Heat Preservation Effect

Comparison among Three Construction Methods of Rigid Polyurethane Foam

Required Rigid Polyurethane Foam of External Wall Heat Preservation in China, 2009-2012E

Required Rigid Polyurethane Foam and Growth of Building Energy Saving in China, 2009-2012E

Rigid Polyurethane Foam Demand from Other Industries in China, 2009-2012E

Demand for Rigid Polyurethane Foam 'White Material' and 'Black Material' in China, 2009-2012E

Supply and Demand of MDI in Global Market, 2009-2012E

Supply and Demand of Rigid Polyurethane Foam Combined Polyether in China, 2009-2012E

Cost Structure of Polymeric MDI, 2009

Price Trend of Aniline and Polymeric MDI, 2009-2010

Price Trend of Rigid Polyurethane Foam Combined Polyether and Propylene Oxide,

2008-2010

Import & Export Volume of Rigid Polyurethane Foam in China, 2006-2010

Import & Export Value of Rigid Polyurethane Foam in China, 2006-2010

Average Unit Import & Export Price of Rigid Polyurethane Foam in China, 2006-2010

Import & Export Volume of Polymeric MDI in China, 2006-2010

Import & Export Value of Polymeric MDI in China, 2006-2010

Average Unit Import & Export Price of Polymeric MDI in China, 2006-2010

Revenue of BASF Polyurethane Products, 2008-2009

Revenue of Bayer Polyurethane Products, 2008-2009

Revenue of Huntsman Polyurethane Products, 2008-2010

MDI Project and Capacity of Yantai Wanhua Polyurethanes Co., Ltd.

Operating Income and Total Profit of Yantai Wanhua Polyurethanes Co., Ltd.,
2006-2010

Operating Income and Operating Margin of Polymeric MDI Business of Yantai Wanhua
Polyurethanes Co., Ltd., 2007-2010

Revenue and Profit of Nanjing Hongbaoli Co., Ltd., 2006-2010

Revenue and Growth of Rigid Polyurethane Foam Combined Polyether of Nanjing
Hongbaoli Co., Ltd., 2006-2010

Rigid Polyurethane Foam Combined Polyether Products of Hebei Yadong Chemical
Group Co., Ltd.

Main Business Revenue and Total Profit of Jurong City Ningwu Chemical Co., Ltd.,
2007-2008

I would like to order

Product name: China Rigid Polyurethane Foam and Raw Materials Report, 2009-2012

Product link: <https://marketpublishers.com/r/C9132B8CC8DEN.html>

Price: US\$ 1,600.00 (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/C9132B8CC8DEN.html>