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 Company Reports, and National Bureau of Statistics of China etc.
Abstract

Synthetic rubber is one of important strategic materials, mainly used in tyres and other industries. In 2016, the global output and consumption of synthetic rubber reached 14.822 million tons and 14.936 million tons, respectively, up 2.2% and 2.0% year on year. Driven by the steady development of automobile and tyre industries, the world's output and consumption of synthetic rubber are expected to hit 16.975 million tons and 17.725 million tons by 2021 respectively.

China, the world's largest producer of synthetic rubber, boasted the output of 5.458 million tons in 2016, accounting for 36.8% of the global output. China's synthetic rubber output is expected to grow at an average annual rate of 5.2% from 2017 to 2021 and reach 7.032 million tons in 2021, equivalent to 41.4% of the world's total output.

In 2016, the combined capacity of styrene butadiene rubber (SBR) and cis-polybutadiene rubber (BR) which are the two most popular products in China shared 60.1% of China's total capacity. Ethylene propylene rubber (EPR) and Isobutylene Isoprene Rubber (IIR) saw the fastest growth rates in the past five years, with the respective capacity CAGR of 69.5% and 37.7% during 2012-2016. With the continuous optimization of the rubber product (such as tyres) structure in China, the demand for solution polymerized styrene butadiene rubber (SSBR), halogenated butyl rubber (HIIR), neodymium polybutadiene rubber (Nd-BR), low cis-polybutadiene rubber (LCBR) and other environment-friendly rubber products will increase significantly in future.

In terms of prices, the rising price of the raw material butadiene and other factors spurred the explosive growth in the prices of China's major synthetic rubber products from 2016 to February 2017. Later, the synthetic rubber price fell with the lower butadiene price, but it may restore limited growth in fluctuations after July.

As for the enterprise pattern, there were more than 50 synthetic rubber manufacturers in China with the total capacity of 6.475 million t/a as of the end of 2016. Among them, the top two giants Sinopec and PetroChina contributed 46.2% to China's total synthetic rubber capacity together in 2016. In addition, Huizhou LCY Chemical, Shandong Huamao New Materials, Shenhua Chemical, Yuhuang Chemical, Germany LANXESS, TSRC-UBE and other Taiwanese, foreign and private companies have also entered the field.
As new entrants mostly focus on medium and low-end styrene butadiene rubber and cis-polybutadiene rubber (BR) products, China witnesses serious structural overcapacity of synthetic rubber with the release of new capacity. In the past two years, given the low prosperity index and depressed price of synthetic rubber as well as the tight supply of raw materials, some enterprises have sped up the reform of their product mix, while some other companies have shut down and dismantled facilities. In September 2016, Sinopec Shanghai Gaoqiao announced the removal of the 120,000 t/a cis-polybutadiene rubber (BR) plant which had run for many years; Yuhuang Chemical proclaimed the conversion of the 80,000 t/a cis-polybutadiene rubber (BR) facility into SBS facility. In the next few years, China's de-capacity trend will be more apparent and the new capacity will center on SBS and environment-friendly rubber.

The report covers the following:

◆ Supply and demand, product structure, regional structure, development trend, etc. of global synthetic rubber market;

◆ Supply and demand, import and export, product structure, regional structure, enterprise pattern, development trend, etc. of Chinese synthetic rubber market;

◆ Market supply and demand, import and export, enterprise pattern and other market situations of major Chinese synthetic rubber products (BR, SBR, IIR, EPR, NBR, etc.);

◆ Development of main raw materials of synthetic rubber (butadiene, styrene, rubber additive, etc.) in China;

◆ Development of global and China tyre (downstream sector of synthetic rubber) industry;

◆ Operation, development strategy, etc. of 21 major Chinese synthetic rubber manufacturers.
Capacity Distribution of China’s Top 20 Synthetic Rubber Manufacturers, 2016

Source: China Synthetic Rubber Industry Report, 2017-2021 by ResearchInChina

Copyright 2012 ResearchInChina
1 Overview of Synthetic Rubber
   1.1 Definition
   1.2 Classification
   1.3 Industrial Chain

2 Overview of Global Synthetic Rubber Industry
   2.1 Overview
   2.2 Market Supply and Demand
   2.3 Regional Structure
   2.4 Development Trend

3 Overview of China Synthetic Rubber Industry
   3.1 Market Supply and Demand
      3.1.1 Market Supply
      3.1.2 Market Demand
      3.2 Import and Export
         3.2.1 Import
         3.2.2 Export
      3.3 Product Structure
      3.4 Regional Distribution
      3.5 Enterprise Pattern
      3.6 Development Trend

4 Key Chinese Synthetic Rubber Market Segments
   4.1 Cis-Polybutadiene Rubber (BR)
      4.1.1 Market Supply
      4.1.2 Import and Export
   4.2 Styrene Butadiene Rubber (SBR)
      4.2.1 Market Supply
      4.2.2 Import and Export
      4.2.3 Market Demand
      4.2.4 Competitive Landscape
      4.2.5 Price
      4.2.6 Development Trend
   4.3 Ethylene Propylene Rubber (EPR)
      4.3.1 Market Supply
      4.3.2 Import and Export
      4.3.3 Market Demand
      4.3.4 Competitive Landscape
      4.3.5 Price
      4.3.6 Development Trend
      4.4 Isobutylene Isoprene Rubber (IIR)
      4.4.1 Market Supply
      4.4.2 Import and Export
      4.4.3 Market Demand
      4.4.4 Competitive Landscape
      4.4.5 Price
      4.4.6 Development Trend
   4.5 Nitrile Butadiene Rubber (NBR)
      4.5.1 Market Supply
      4.5.2 Import and Export
      4.5.3 Market Demand
      4.5.4 Competitive Landscape
      4.5.5 Price
      4.5.6 Development Trend

5 Upstream of Synthetic Rubber in China
   5.1 Butadiene
      5.1.1 Market Supply
      5.1.2 Import and Export
      5.1.3 Market Demand
      5.1.4 Price
      5.1.5 Competitive Landscape
      5.1.6 Development Trend
   5.2 Styrene
      5.2.1 Market Supply
      5.2.2 Import and Export
      5.2.3 Market Demand
      5.2.4 Price
      5.2.5 Competitive Landscape
      5.2.6 Development Trend
   5.3 Rubber Additive
      5.3.1 Market Supply and Demand
      5.3.2 Price
      5.3.3 Enterprise Pattern

6 Tyre Market Development
   6.1 Global
   6.2 China
# 7 Key Chinese Synthetic Rubber Enterprises

## 7.1 Sinopec
- **7.1.1 Profile**
- **7.1.2 Operation**
- **7.1.3 Synthetic Rubber Business**
- **7.1.4 Sinopec Yangzi Petrochemical**
- **7.1.5 Sinopec Beijing Yanshan**
- **7.1.6 Sinopec Qilu**
- **7.1.7 Sinopec Maoming**
- **7.1.8 Sinopec Baling**
- **7.1.9 Sinopec Shanghai Gaoqiao**

## 7.2 PetroChina
- **7.2.1 Profile**
- **7.2.2 Operation**
- **7.2.3 Synthetic Rubber Business**
- **7.2.4 PetroChina Lanzhou Petrochemical**
- **7.2.5 PetroChina Jilin Petrochemical**
- **7.2.6 PetroChina Daqing Petrochemical**
- **7.2.7 PetroChina Dushanzi Petrochemical**
- **7.2.8 PetroChina Jinzhou Petrochemical**
- **7.2.9 PetroChina Fushun Petrochemical**
- **7.2.10 PetroChina Sichuan Petrochemical**

## 7.3 Shandong Yuhuang Chemical (Group)
- **7.3.1 Profile**
- **7.3.2 Operation**
- **7.3.3 Synthetic Rubber Business**

## 7.4 TSRC

### Table of contents

- **7.4.1 Profile**
- **7.4.2 Operation**
- **7.4.3 Synthetic Rubber Business**
- **7.5 Lande Fine Chemical**
- **7.5.1 Profile**
- **7.5.2 Operation**
- **7.6 Zhenjiang Nantex Chemical Industry**
- **7.6.1 Profile**
- **7.6.2 Operation**
- **7.7 Other Enterprises**
- **7.7.1 Gaoqiao BASF Dispersions**
- **7.7.2 Shanxi Synthetic Rubber**
- **7.7.3 Dow Chemical (Zhangjiagang)**
- **7.7.4 Bridgestone (Huizhou)**
- **7.7.5 Hangzhou Zhechen Rubber**
- **7.7.6 Tianjin Lugang Petroleum Rubber**
- **7.7.7 Fujian Meizhouwan Chlor-Alkali Industry**
- **7.7.8 Zhejiang Cenway New Synthetic Materials**
- **7.7.9 Chongqing Changshou Chemical**
- **7.7.10 Panjin Heyun New Materials**
- **7.7.11 Shandong Huamao New Materials**
- **7.7.12 Qingdao ECO-Strong Tech. Eng.**
- **7.7.13 Ningbo Shunze Rubber**
- **7.7.14 Shandong Jusage**
- **7.7.15 Liaoning North Dynasol Synthetic Rubber**
• Synthetic Rubber Industry Chain
• Global Synthetic Rubber Capacity, 2011-2017
• Global Synthetic Rubber Output and Consumption, 2007-2016
• Global Synthetic Rubber Output and Consumption Structure, 2007-2016
• Global Synthetic Rubber Capacity Structure (by Product), 2016
• Global Synthetic Rubber Capacity (by Region), 2010-2016
• Global Synthetic Rubber Output (by Region), 2008-2016
• Global Synthetic Rubber Consumption (by Region), 2008-2016
• Global Synthetic Rubber Output and Consumption, 2015-2021E
• Global Share of China's Synthetic Rubber Capacity (by Product), 2016
• China's Synthetic Rubber Capacity and YoY Growth, 2013-2017
• China's Synthetic Rubber Output and YoY Growth, 2007-2016
• China's Synthetic Rubber Apparent Consumption and Self-sufficiency Rate, 2007-2016
• China's Synthetic Rubber Import Volume and YoY Growth, 2007-2017
• China's Synthetic Rubber Import Value and YoY Growth, 2007-2017
• China's Synthetic Rubber Export Volume and YoY Growth, 2007-2017
• China's Synthetic Rubber Export Value and YoY Growth, 2010-2017
• China's Synthetic Rubber Capacity (by Product), 2012-2017
• China's Synthetic Rubber Output (by Variety), 2014&2016
• Top 10 Synthetic Rubber Provinces in China (by Output), 2016
• Top 10 Synthetic Rubber Provinces in China (by Output), Jan-May 2017
• China’s Synthetic Rubber Operating Rate, 2016-2017
Selected Charts

- China’s BR Import Volume and YoY Growth, 2007-2017
- China’s BR Export Volume and YoY Growth, 2007-2017
- China’s BR Apparent Consumption and Self-sufficiency Rate, 2007-2017
- China’s BR Demand Structure (by Purpose), 2011-2017
- Pattern of BR Enterprises in China (by Capacity), 2017
- China’s BR Market Price Trend, 2007-2017
- China’s SBR Capacity (by Product), 2007-2017
- China’s SBR Output and YoY Growth, 2007-2017
- China’s SBR Import Volume and YoY Growth, 2010-2016
- China’s SBR Export Volume and YoY Growth, 2010-2016
- China’s SBR Apparent Consumption and Self-sufficiency Rate, 2007-2017
- China’s SBR Demand Structure (by Purpose), 2017
- Market Share of SBR Enterprises in China (by Capacity), 2016-2017
- Weekly Market Average Price of SBR in China, 2012-2017
- China’s EPR Output and YoY Growth, 2007-2017
- China’s EPR Import Volume and YoY Growth, 2007-2016
- China’s EPR Export Volume and YoY Growth, 2007-2016
- China’s EPR Apparent Consumption and Self-sufficiency Rate, 2007-2017
- China’s EPR Demand Structure (by Purpose), 2017
- Monthly Market Average Price of EPDM in China (by Product), 2016-2017
- China’s IIR Output and YoY Growth, 2007-2017
- China’s IIR Import Volume and YoY Growth, 2007-2016
- China’s IIR Export Volume and YoY Growth, 2007-2016
- China’s IIR Apparent Consumption and Self-sufficiency Rate, 2007-2017
- China’s IIR Demand Structure (by Purpose), 2017
• Market Price Trend of Ordinary IIR in China, 2016-2017
• Price Trend of HIIR in China, 2016-2017
• China’s NBR Capacity and Capacity Utilization, 2008-2017
• China’s NBR Output and YoY Growth, 2007-2017
• China’s NBR Import Volume and YoY Growth, 2007-2017
• China’s NBR Export Volume and YoY Growth, 2007-2017
• China’s NBR Apparent Consumption and Self-sufficiency Rate, 2007-2017
• China’s NBR Demand Structure (by Purpose), 2016
• China’s NBR Capacity Structure (by Enterprise), 2016
• China’s NBR Price Trend, 2014-2017
• China’s NBR Price Trend, 2017
• China’s Butadiene Capacity and Capacity Utilization, 2010-2017
• China’s Butadiene Output and YoY Growth, 2007-2017
• China’s Butadiene Production Process Structure, 2016
• China’s Butadiene Import Volume and YoY Growth, 2007-2016
• China’s Butadiene Export Volume and YoY Growth, 2007-2016
• China’s Butadiene Apparent Consumption and Self-sufficiency Rate, 2007-2017
• Downstream Consumption of Butadiene, 2011-2017
• Price Trend of Butadiene in East China, 2016-2017
• China’s Butadiene Market Price, 2017
• China’s Butadiene Capacity Structure (by Enterprise), 2010-2017
• China’s Styrene Capacity and Capacity Utilization, 2010-2017
• China’s Styrene Output and YoY Growth, 2007-2017
• China’s Styrene Capacity Distribution (by Region), 2016
• China’s Styrene Import Volume and YoY Growth, 2007-2017
Selected Charts

• China’s Styrene Import Value and YoY Growth, 2007-2016
• China’s Styrene Export Volume and YoY Growth, 2007-2017
• China’s NBR Export Value and YoY Growth, 2007-2016
• China’s Styrene Apparent Consumption and Self-sufficiency Rate, 2007-2017
• China’s Styrene Demand Structure (by Purpose), 2017
• Styrene Market Average Price in East China, 2017
• China’s Rubber Additive Output and YoY Growth, 2009-2021E
• China’s Rubber Additive Output (by Product), 2016
• China’s Rubber Additive Demand Structure (by Purpose), 2017
• Average Price of Rubber Additive in China, 2016-2017
• China’s Tyre Cost Structure, 2016
• Global Tyre Market Size, 2013-2020E
• Global Car Tyre Market Size, 2014-2020E
• Geographical Distribution of Global Tyre Shipments, 2017
• China’s Car Tyre Output, 2007-2016
• Monthly Operating Rate of Full-steel Tyres in China, 2015-2016
• Monthly Operating Rate of Semi-steel Tyres in China, 2015-2016
• New Capacity of Tyre Outer Cover in China, 2006-2016
• Sinopec’s Revenue and YoY Growth, 2008-2017
• Sinopec’s Net Income and YoY Growth, 2008-2017
• Sinopec’s Revenue (by Sector), 2010-2017
• Sinopec’s Gross Margin (by Sector), 2008-2016
• Sinopec’s Synthetic Rubber Output and YoY Growth, 2008-2017
• Sinopec’s Synthetic Rubber Sales Volume and YoY Growth, 2008-2016
• Sinopec’s Synthetic Rubber Revenue and YoY Growth, 2008-2016
Selected Charts

- Milestones of Sinopec Yangzi Petrochemical Rubber Company, 2005-2017
- Main SBR Products of Sinopec Yangzi Petrochemical Rubber Company
- PetroChina’s Revenue and YoY Growth, 2008-2017
- PetroChina’s Net Income and YoY Growth, 2008-2017
- PetroChina’s Revenue (by Sector), 2008-2016
- PetroChina’s Revenue (by Region), 2008-2016
- PetroChina’s Gross Margin (by Sector), 2008-2016
- PetroChina’s Synthetic Rubber Output and YoY Growth, 2008-2017
- Revenue and Net Income of Yuhuang Chemical, 2009-2016
- Revenue of Yuhuang Chemical (by Sector), 2009-2016
- Gross Margin of Yuhuang Chemical (by Division), 2009-2016
- Synthetic Rubber Capacity, Output and Sales Volume of Yuhuang Chemical, 2010-2016
- Synthetic Rubber Revenue and Average Price of Yuhuang Chemical, 2010-2016
- Distribution of TSRC’s Subsidiaries, 2016
- List of TSRC’s Subsidiaries
- TSRC’s Revenue and Net Income, 2010-2016
- TSRC’s Synthetic Rubber Capacity Utilization, 2010-2016
- TSRC’s Synthetic Rubber Sales Volume (by Region), 2008-2016
- TSRC’s Synthetic Rubber Revenue (by Region), 2008-2016
- Revenue and Net Income of Lande Fine Chemical, 2009-2016
- Revenue and YoY Growth of Zhenjiang Nantex Chemical Industry, 2012-2016
- Properties and Applications of Synthetic Rubber (by Variety)
- China’s Synthetic Rubber Capacity (by Enterprise), 2015-2017
- Capacity and Share of Top 20 Synthetic Rubber Enterprises in China, 2016
- China’s Expansion Plan for Main Synthetic Rubber Products, after 2017
Selected Charts

- Balance between China’s Synthetic Rubber Production and Demand, 2011-2021E
- China’s BR Capacity (by Enterprise), 2012-2017
- Output and Market Share of Top 8 BR Manufacturers in China (by Output), 2016
- Ongoing and Proposed BR Projects in China, 2017
- Balance between China’s BR Supply and Demand, 2015-2021E
- China’s SBR Capacity (by Enterprise), 2012-2017
- Balance between China’s SBR Supply and Demand, 2015-2021E
- China’s EPR Capacity Distribution (by Enterprise), 2012-2017
- Ongoing and Proposed EPR Projects in China, 2017-2020E
- China’s EPR Supply and Demand, 2015-2021E
- China’s IIR Capacity Distribution (by Enterprise), 2012-2017
- Ongoing and Proposed IIR Projects in China, 2017 -2021E
- Balance between China’s IIR Supply and Demand, 2015-2021E
- Global NBR Capacity and Structure (by Enterprise), 2016
- China’s NBR Import and Export Volume (by Product), 2010-2016
- China’s NBR Capacity (by Enterprise), 2010-2017
- Balance between China’s NBR Supply and Demand, 2015-2021E
- China’s Butadiene Capacity Distribution (by Enterprise), 2010-2017
- Ongoing and Proposed Butadiene Projects in China, 2017 -2021E
- Butadiene Supply and Demand in China, 2015-2021E
- China’s Styrene Capacity Distribution (by Enterprise), 2010-2017
- Ongoing and Proposed Styrene Projects in China, 2017 -2021E
- Balance between China’s Styrene Supply and Demand, 2015-2021E
- Top 9 Rubber Additive Enterprises in China (by Revenue), 2016
- Output of Top 15 Tyre Enterprises in China, 2013-2016
- Tyre Prices of Major Tyre Enterprises in China, 2016
- Distribution of Yuhuang Chemical’s Main Subsidiaries, 2016
- TSRC’s Revenue Structure (by Product), 2013-2016
- TSRC’s Procurement Structure by Supplier, 2014-2016
- TSRC’s Capacity, Output and Output Value (by Product), 2013-2016
- TSRC’s Synthetic Rubber Capacity (by Enterprise / Product), 2016
- Neoprene Products of Shanna Synthetic Rubber
- Synthetic Rubber Products of Hangzhou Zhechen Rubber
- Project Investment and Capacity of Tianjin Lugang Petroleum Rubber
- Neoprene Products of Chongqing Changshou Chemical
- NBR Products of Ningbo Shunze Rubber (by Grade), 2016
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

Choose type of format

- PDF (Single user license) .......... 2,800 USD
- Hard copy .......................... 3,000 USD
- PDF (Enterprisewide license) ....... 4,400 USD

Party A:
Name: 
Address: 
Contact Person: 
E-mail: 
Tel 
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: Liao Yan
E-mail: report@researchinchina.com
Phone: +86-10-82600828
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: COMMCHNA

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

ResearchInChina (www.researchinchina.com) is a leading independent provider of China business intelligence. Our research is designed to meet the diverse planning and information needs of businesses, institutions, and professional investors worldwide. Our services are used in a variety of ways, including strategic planning, product and sales forecasting, risk and sensitivity management, and as investment research.

Our Major Activities

- Multi-users market reports
- Database-RICDB
- Custom Research
- Company Search

RICDB (http://www.researchinchina.com/data/database.html), is a visible financial data base presented by map and graph covering global and China macroeconomic data, industry data, and company data. It has included nearly 500,000 indices (based on time series), and is continuing to update and increase. The most significant feature of this base is that the vast majority of indices (about 400,000) can be displayed in map.

After purchase of our report, you will be automatically granted to enjoy 2 weeks trial service of RICDB for free.

After trial, you can decide to become our formal member or not. We will try our best to meet your demand. For more information, please find at www.researchinchina.com

For any problems, please contact our service team at:

Room 502, Block 3, Tower C, Changyuan Tiandi Building, No. 18, Suzhou Street, Haidian District, Beijing, China 100080
Phone: +86 10 82600828 ● Fax: +86 10 82601570 ● www.researchinchina.com ● report@researchinchina.com