

## China Acrylonitrile Industry Chain Report, 2008



- Producers of acrylonitrile were mainly located in North America, Asia, and Western Europe. The U.S.A is the largest producer of acrylonitrile in the world, with the annual capacity of 1.51 million tons. China is the second largest producer, with the annual capacity of 1.03 million tons. Besides, Japan, Korea and China Taiwan are also important production basis of acrylonitrile. Since 2003, global apparent demand for acrylonitrile has been showing an ascending trend.

- Caused by the great demand for acrylonitrile as well as constant expansion of acrylonitrile production capacity, acrylonitrile output in China keeps rising in recent years. In 2003, acrylonitrile output in China was approximately 605,000 tons, and in 2006, it climbed up to around 1.03 million tons. In 2007, the figure declined to 980,000 tons. In 2008, acrylonitrile output in China will slightly rise, reaching around 1.02 million tons.

#### Acrylonitrile Production and Demand in China, 2003-2007

	2003	2004	2005	2006	2007
Production capacity (1,000 tons)	734	800	1,031	1,031	1,031
Output (1,000 tons)	604.5	743	885	1028	980
Import (1,000 tons)	381.5	318.6	293.8	324.5	435.5
Export (1,000 tons)	1	31.9	30.7	51.9	2
Apparent demand (1,000 tons)	985	1,029.7	1,148.1	1,300.6	1,413.5
Self-sufficiency rate (%)	61.4	72.2	77.1	79.0	69.3

Source: China Petroleum and Chemical Industry Association

Acrylonitrile is mainly consumed by nitrilons. In 2007, 705,300 tons of acrylonitrile were consumed by nitrilons, accounting for 49.89% of the total acrylonitrile consumptions, followed by ABS/AS and acrylamide with a consumption of 428,000 tons and 193,200 tons respectively, accounting for 30.28% and 13.67% of the total acrylonitrile consumptions respectively, and 87,000 tons of acrylonitrile were consumed by others.



# Table of Contents

- 1. Brief Introduction to Acrylonitrile Products and Production Techniques
- 2. Global Acrylonitrile Market & Global Acrylonitrile Import and Export
  - 2.1 Global Acrylonitrile Production Capacity and Output, 2005-2008
  - 2.2 Global Apparent Demand for Acrylonitrile, 2005-2008
  - 2.3 Regional Markets
    - 2.3.1 U.S.A
    - 2.3.2 Western Europe
    - 2.3.3 Japan
    - 2.3.5 Central & South America and Western Europe
    - 2.3.6 Asia, excluding Japan
  - 2.4 Key Acrylonitrile Producers Worldwide and Their Future Investment Strategies

- 3. China Acrylonitrile Market
  - 3.1 Development Course
  - 3.2 China Acrylonitrile Production Capacity and Output, 2005-2008
  - 3.3 Apparent Demand for Acrylonitrile in China, 2005-2008
  - 3.4 China Acrylonitrile Import and Export , 2005-2008
  - 3.5 Regional Acrylonitrile Consumption in China, 2005-2008
  - 3.6 Acrylonitrile Raw Materials
    - 3.6.1 Crude Oil
    - 3.6.2 Propylene
  - 3.7 Prices of Acrylonitrile in China
  - 3.8 Acrylonitrile Projects in China
- 4. Acrylonitrile Applications in China
  - 4.1 Overview, 2005-2008
  - 4.2 China Nitrilon Market
  - 4.3 China ABS Market

- 5. Key Acrylonitrile Manufacturers in China
  - 5.1 Shanghai Secco Petrochemical Co., Ltd
  - 5.2 CNPC Jilin Chemical Group Corporation
  - 5.3 SINOPEC Shanghai Petrochemical Company
  - 5.4 PetroChina Daqing Petrochemical Company
  - 5.5 PetroChina Fushun Petrochemical Company
  - 5.6 SINOPEC Anqing Petrochemical Company
  - 5.7 PetroChina Daqing Refining & Petrochemical Company
  - 5.8 SINOPEC Qilu Petrochemical Co., Ltd
  - 5.9 PetroChina Lanzhou Petrochemical Company



# Selected Charts

- Global Acrylonitrile Production Capacity and Output, 2003-2007
- Global Apparent Demand for Acrylonitrile, 2003-2007
- Acrylonitrile Production Capacity and Output in the USA, 2005-2008
- Acrylonitrile Production Capacity and Output in Western Europe, 2005-2008
- Acrylonitrile Production Capacity and Output in Japan, 2005-2008
- Acrylonitrile Production Capacity and Output in Central & South America, 2005-2008
- Acrylonitrile Production Capacity and Output in Asia, 2005-2008
- Acrylonitrile Production Capacity and Output in China, 2003-2008
- Acrylonitrile Apparent Demand in China, 2000-2007
- China Acrylonitrile Import and Export, 2003-2008
- Regional Acrylonitrile Consumption in China, 2007
- International Oil Price, 2005-2008
- Propylene Production Capacity and Output in China, 2003-2007
- Propylene Apparent Demand in China, 2003-2007

- Prices of Propylene in China, 2005-2007
- Prices of Acrylonitrile in China, 2005-2007
- Consumption Structure of Acrylonitrile in China, 2007
- Nitrilon Output in China, 2000-2007
- ABS Apparent Demand in China, 2000-2007
- China ABS Import, 2000-2007
- Net Sales of SINOPEC Shanghai, 2003-2007
- Net Sales of SINOPEC Shanghai by Products, 2007
- Regional Production Capacity of Acrylonitrile Worldwide
- Global Acrylonitrile Demand
- Top Ten Acrylonitrile Producers Worldwide, 2007
- MNC Suppliers of Acrylonitrile
- Production and Demand of Acrylonitrile in China, 2003-2007
- Production Capacity and Output of Key Acrylonitrile Producers in China, 2007
- Production and Demand of Propylene in China, 2003-2007



- A List of Acrylonitrile Projects in China
- Global Nitrilon Output, 1998-2006
- Global Key ABS Producers in 2005
- Production Capacity of Key ABS Producers in China, 2007
- Product Category of SINOPEC Jilin
- Product Category of SINOPEC Shanghai
- Acrylonitrile Products of SINOPEC Shanghai
- Acrylonitrile Products of PetroChina Daqing
- PetroChina Fushun's Acrylonitrile Products
- SINOPEC Anqing's Acrylonitrile Products
- PetroChina Daqing's Acrylonitrile Products
- SINOPEC Qilu's Acrylonitrile Products
- PetroChina Lanzhou's Acrylonitrile Products



# How to Order

Product Details			How to Order
License	USD	File	By email:
Single User License	1,800	PDF	<a href="mailto:report@researchinchina.com">report@researchinchina.com</a>
Enterprise Wide	2,700	PDF	By fax:
Publication Date: Dec. 2008			86-10-82600829
			By online:
			<a href="http://www.researchinchina.com">www.researchinchina.com</a>
For more information, please contact us at <a href="mailto:report@researchinchina.com">report@researchinchina.com</a> , or at ++86-10-82600828			