



China BDO-PTMEG-Spandex Industry Chain Report, 2012-2015

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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.

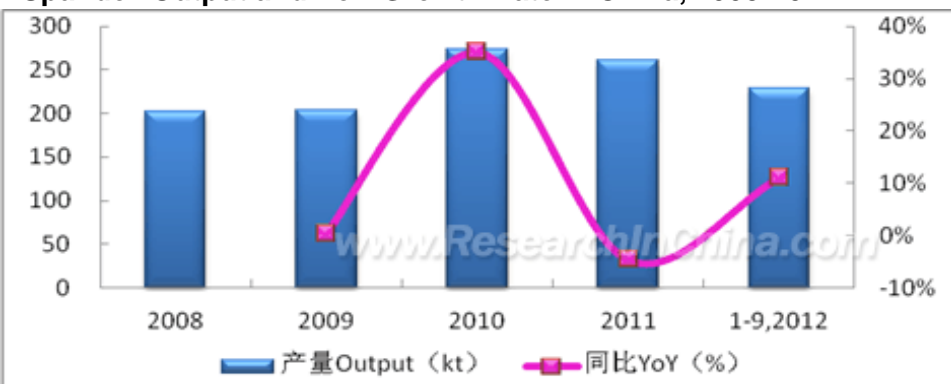
INFORMATION SOURCES

The primary information sources include China Customs, and National Bureau of Statistics of China etc.

Abstract

Concerning China's spandex industry from 2011 to the first half of 2012, on the one hand, capacity expansion continued; on the other hand, the demand from downstream sectors plunged into the doldrums, which caused a decrease in spandex price, as well as a substantial decline in business performance of major manufacturers. In 2011, spandex output of China approximated 260,000 tons, a year-on-year decrease of 4.6%; apparent consumption dropped by 1.7% YoY to 250,000 tons or so.

Spandex Output and YoY Growth Rate in China, 2008-2012



Source: National Bureau of Statistics of China, ResearchInChina

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In 2011, China's spandex capacity reached 407,000 tons, accounting for more than 60% of the global total, which also made China the most

significant spandex consumer market around the globe. In H1 2012, new spandex production capacity in China exceeded 40,000 tons, and it is expected to hit 470,000 tons for the whole year, then followed by a sharp reduction from 2013, whereupon the industry will step into the capacity digestion phase, accompanied by a possibly better supply-demand pattern.

As important upstream materials for spandex, PTMEG and pure MDI in 2011 kept high market prices as a whole, thus exerting greater cost pressure on spandex manufacturers. Downstream consumers of spandex refer to textile and garment, whose output growth plus with the ever-improving spandex utilization proportion owing to consumption upgrading constitute the leading causes to promote demand growth for spandex.

Spandex industry features a relatively high concentration degree in China, the key players include Zhejiang Huafon Spandex Co., Ltd., South Korea's Hyosung, Zhuji Huahai Spandex Co., Ltd., United States-based INVISTA, Sichuan Youli Investment Holding Co., Ltd., Yantai Tayho Advanced Materials Co., Ltd., etc.. In 2011, spandex capacity of China spandex industry's top seven producers altogether occupied 65.2% of the national total. Moreover, leading companies are still expanding their spandex capacity, oriented by differentiated products.

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In April 2012, Zhejiang Huafon Spandex's 15,000 t/a High Temperature Thin Fabric Spandex Project was completed and put into operation, with total capacity up to 57,000 tons, thus surpassing Hyosung to again be China's largest spandex enterprise; the under-construction 7,000 tons/a Comfortable Spandex Project of Yantai Tayho Advanced Materials Co., Ltd., expected to go into operation at the end of 2012, will realize total capacity of 37,000 tons per year.

China BDO-PTMEG-Spandex Industry Chain Report, 2012-2015 of ResearchInChina chiefly covers the followings:

- Capacity, supply & demand, price trend, competitive landscape, import & export as well as development forecast of spandex industry in China;
- Capacity, supply & demand, import & export, price trend, etc. of upstream Industries of spandex in China such as PTMEG, MDI, BDO;
- Output, operation, import & export, etc. of downstream textile industry of spandex in China;
- Operation, spandex business, development forecast, etc. of 14 Chinese spandex producers.

1. Overview of Spandex Industry

- 1.1 Definition and Application
- 1.2 Industrial Chain
- 1.3 Technology

2. China Spandex Market

- 2.1 Development
- 2.2 Supply and Demand
 - 2.2.1 Capacity
 - 2.2.2 Output
 - 2.2.3 Demand
- 2.3 Price
- 2.4 Competitive Landscape
- 2.5 Import and Export
 - 2.5.1 Spandex Single Yarn
 - 2.5.2 Spandex Yarn
- 2.6 Development Forecast

3. Development of Upstream Industries of Spandex in China

- 3.1 PTMEG Market
 - 3.1.1 Supply
 - 3.1.2 Demand
 - 3.1.3 Import and Export
 - 3.1.4 Price
- 3.2 MDI Market
 - 3.2.1 Supply
 - 3.2.2 Demand

3.2.3 Import and Export

3.2.4 Price

3.3 BDO Market

3.3.1 Supply

3.3.2 Demand

3.3.3 Competitive Landscape

3.3.4 Import and Export

3.3.5 Price

3.3.6 Development Prospects and Trends

4. Development of Downstream Industries of Spandex in China

4.1 Development Status

4.2 Industrial Operation

4.3 Import and Export

4.4 Development Outlook

5. Key Enterprises in China

5.1 Zhejiang Huafon Spandex

5.1.1 Profile

5.1.2 Operation

5.1.3 Revenue Structure

5.1.4 Gross Margin

5.1.5 Clients and Suppliers

5.1.6 R & D

5.1.7 Spandex Business

5.1.8 Forecast and Prospects

5.2 Hyosung (China)

5.2.1 Profile

5.2.2 Operation

5.2.3 Spandex Business

5.2.4 Business in China

5.3 INVISTA (China)

5.3.1 Profile

5.3.2 Business in China

5.4 Sichuan Youli Investment Holding

5.4.1 Profile

5.4.2 Operation

5.4.3 Revenue Structure

5.4.4 Spandex Business

5.4.5 Forecast and Prospects

5.5 Yantai Tayho Advanced Materials

5.5.1 Profile

5.5.2 Operation

5.5.3 Revenue Structure

5.5.4 Gross Margin

5.5.5 R & D

5.5.6 Spandex Business

5.6 Taekwang Synthetic Fiber

5.7 EBH Spandex

5.8 Xinxiang Chemical Fibre

5.9 Hangzhou Banglian Spandex

5.10 Hangzhou Sunrise Spandex

5.11 Zhejiang Yadi Fiber

5.12 Zhejiang Sihai Spandex Fiber

5.13 Zhejiang Shei Yung Hsin Spandex

5.14 Hangzhou Asahikasei Spandex

- Output Structure of Major Varieties of Synthetic Fiber in China, 2011
- Classification and Application Terminals of Spandex
- Spandex Industry Chain
- Advantages & Disadvantages of Spandex Process Route
- Capacity of Leading Spandex Manufacturers in China, 2010-2011
- Spandex Projects under Construction or Planned in China, 2012
- Spandex Output and YoY Growth Rate in China, 2008-2012
- China's Spandex Output by Region, 2011
- Apparent Consumption of Spandex and YoY Growth Rate in China, 2008-2012
- Market Price Trends of Spandex 40D in China, 2006-2012
- Capacity Structure of Leading Spandex Manufacturers in China, 2011
- Import / Export Volume of Spandex Single Yarn in China, 2008-2012
- Average Import / Export Price of Spandex Single Yarn in China, 2008-2012
- Import Source Structure of Spandex Single Yarn in China, 2011
- Export Destinations of China-made Spandex Single Yarn, 2011
- Import / Export Volume of Spandex Yarn in China, 2008-2012
- Average Import / Export Price of Spandex Yarn in China, 2008-2012
- Import Source Structure of Spandex Yarn in China (by Import Volume), 2011
- Export Destinations of China-made Spandex Yarn (by Export Volume), 2011
- Capacity and Operating Rate of Spandex in China, 2011-2015E
- Output and Apparent Consumption of Spandex in China, 2011-2015
- Output, Capacity and Operating Rate of PTMEG in China, 2006-2012
- Capacity of PTMEG Manufacturers in Mainland China, 2011
- PTMEG Projects Planned or under Construction in China, 2012
- Apparent Consumption and Import Dependence Ratio of PTMEG in China, 2006-2012
- PTMEG Consumption Structure in China. 2011

- Import / Export Volume of PTMEG in China, 2008-2012
- Average Import / Export Price of PTMEG in China, 2008-2012
- Import Source Structure of PTMEG in China (by Import Volume), 2011
- Export Destinations of PTMEG in China (by Export Volume), 2011
- PTMEG (1800 Molecular Weight) Price in East China Market, 2008-2011
- Capacity of Main MDI Enterprises in China, 2008-2011
- New MDI Capacity in China, 2012-2016
- Demand and YoY Growth Rate of Pure MDI in China, 2008-2012
- Consumption Structure of Pure MDI in China, 2011
- Import / Export Volume of Pure MDI in China, 2008-2012
- Average Import / Export Price of Pure MDI in China, 2008-2012
- Import Source Structure of Pure MDI in China (by Import Volume), 2011
- Export Destinations of Pure MDI in China (by Export Volume), 2011
- Monthly Price Average of Pure MDI in China, 2010-2012
- Capacity of BDO Manufacturers in China, 2011
- New BDO Capacity in China, 2012-2015
- Capacity, Output and Operating Rate of BDO in China, 2006-2012
- Apparent Demand of BDO in China, 2006-2012
- China's BDO Consumption Structure by Field, 2011
- Capacity Structure of BDO Manufacturers in China, 2011
- Import / Export Volume of Other Dibasic Alcohols in China, 2007-2012
- Import Volume of BDO in China, 2006-2011
- Import Source Structure of Other Dibasic Alcohols in China (by Import Volume), 2011
- Export Destinations of Other Dibasic Alcohols in China (by Export Volume), 2011
- Average BDO Price in East China Market, 2009-2012
- Yarn Output and YoY Growth Rate in China, 2006-2012

- Fabric Output and YoY Growth Rate in China, 2006-2012
- Number of Textile Enterprises in China, 2006-2012
- Operating Revenue and YoY Growth Rate of Textile Industry in China, 2006-2012
- Total Profit and YoY Growth Rate of China Textile Industry, 2006-2012
- Import / Export Value of Textile Yarn, Fabric and Related Products in China, 2007-2012
- Revenue and Net Income of Zhejiang Huaфон Spandex, 2008-2012
- Revenue Breakdown of Zhejiang Huaфон Spandex by Products, 2010-2012
- Revenue Structure of Zhejiang Huaфон Spandex by Products, 2010-2012
- Revenue Breakdown of Zhejiang Huaфон Spandex by Regions, 2010-2012
- Revenue Structure of Zhejiang Huaфон Spandex by Regions, 2010-2012
- Gross Margin of Spandex Business of Zhejiang Huaфон Spandex, 2008-2012
- Zhejiang Huaфон Spandex's Revenue from Top 5 Clients and % of Total Revenue, 2009-2012
- Name List and Revenue Contribution of Zhejiang Huaфон Spandex's Top 5 Clients, H1 2012
- Zhejiang Huaфон Spandex's Procurement from Top 5 Suppliers and % of Total Procurement, 2009-2011
- R&D Costs and % of Total Revenue of Zhejiang Huaфон Spandex, 2009-2011
- Revenue and Net Income of Zhejiang Huaфон Spandex, 2010-2014E
- Primary Business of Hyosung's 8 Major Business Divisions
- Revenue and Net Income of Hyosung, 2007-2011
- Revenue and Operating Income of Hyosung's Textile Sector, 2008-2011
- Performance of Main Spandex Products of Hyosung
- Operating Revenue and Operating Income of Hyosung (Jiaxing), 2007-2009
- Operating Revenue and Operating Income of Hyosung (Guangdong), 2007-2009
- Operating Revenue Structure of Spandex Business of Hyosung (China), 2008
- Gross Margin of Hyosung Spandex (Jiaxing), Hyosung Spandex (Guangdong) and Hyosung Spandex (Zhuhai), 2008
- Business Divisions and Main Products of INVISTA
- Operating revenue, Operating Income and Gross Margin of INVISTA China Branch, 2009

- Operating Revenue, Operating Income and Gross Margin of INVISTA Fibers, 2007-2009
- Operating Revenue, Operating Income and Gross Margin of INVISTA Fibers (Shanghai), 2007-2009
- Operating Revenue, Operating Income and Gross Margin of INVISTA Fibers (Foshan), 2007-2009
- Revenue and Net Income of Sichuan Youli Investment Holding, 2008-2012
- Revenue Breakdown of Sichuan Youli Investment Holding by Products, 2010-2012
- Revenue Structure of Sichuan Youli Investment Holding by Products, 2010-2012
- Revenue Breakdown of Sichuan Youli Investment Holding by Regions, 2010-2012
- Revenue Structure of Sichuan Youli Investment Holding by Regions, 2010-2012
- Total Assets and Net Income of Spandex Related Subsidiaries of Sichuan Youli Investment Holding, 2011
- Revenue and Net Income of Sichuan Youli Investment Holding, 2010-2014E
- Revenue and Net Income of Yantai Tayho Advanced Materials, 2008-2012
- Revenue Breakdown of Yantai Tayho Advanced Materials by Products, 2010-2012
- Revenue Structure of Yantai Tayho Advanced Materials by Products, 2010-2012
- Revenue Breakdown of Yantai Tayho Advanced Materials by Regions, 2010-2012
- Revenue Structure of Yantai Tayho Advanced Materials by Regions, 2010-2012
- Gross Margin of Major Products of Yantai Tayho Advanced Materials, 2008-2012
- R&D Costs and % of Total Revenue of Yantai Tayho Advanced Materials, 2009-2011
- Revenue and Net Income of Yantai Tayho Advanced Materials, 2010-2014E
- Operating Revenue, Total Profit and Gross Margin of Taekwang Synthetic Fiber, 2007-2009
- Operating Revenue, Total Profit and Gross Margin of EBH Spandex, 2007-2009
- Capacity of Xinxiang Chemical Fibre, 2011
- Revenue and Net Income of Xinxiang Chemical Fibre, 2008-2012
- Revenue Breakdown of Xinxiang Chemical Fibre by Products, 2010-2012
- Revenue Structure of Xinxiang Chemical Fibre by Products, 2010-2012
- Revenue Breakdown of Xinxiang Chemical Fibre by Regions, 2010-2012
- Revenue Structure of Xinxiang Chemical Fibre by Regions, 2010-2012

Selected Charts

- Gross Margin of Major Products of Xinxiang Chemical Fibre, 2008-2012
- Spandex Output of Xinxiang Chemical Fibre, 2008-2012
- Projects under Construction of Xinxiang Chemical Fibre by June 2012
- Revenue and Net Income of Xinxiang Chemical Fibre, 2010-2014E
- Operating Revenue, Total Profit and Gross Margin of Hangzhou Banglian Spandex, 2007-2009
- Operating Revenue, Total Profit and Gross Margin of Hangzhou Sunrise Spandex, 2007-2009
- Operating Revenue, Total Profit and Gross Margin of Zhejiang Yadi Fiber, 2008-2009
- Revenue and Operating Income of Zhejiang Sihai Spandex Fiber, 2009-2011
- Gross Margin of Sihai's Textile Business, 2009-2012
- Operating Revenue, Total Profit and Gross Margin of Zhejiang Shei Yung Hsin Spandex, 2007-2009
- Operating Revenue, Total Profit and Gross Margin of Hangzhou Asahikasei Spandex, 2007-2009

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