

# Application of Specialty Elastomers in Automotive Industry in China

<https://marketpublishers.com/r/A96EF73254DEN.html>

Date: December 2013

Pages: 47

Price: US\$ 1,341.00 (Single User License)

ID: A96EF73254DEN

## Abstracts

With a wide range of application in different industries like auto, construction and medical treatment, etc., specialty elastomer has drawn more and more attention from global manufacturers in recent years. As a kind of synthetic rubber, specialty elastomer can be adopted to face harsh conditions thanks to its special properties and flexible applications.

Among the application industries, auto industry is the main downstream industry of specialty elastomer. In recent years, the consumption of specialty elastomer in the world has seen an uptrend. The global consumption volume of specialty elastomer nearly reached 3.8 million tonnes in 2012. Since 2009, China has become the biggest automobile manufacturer in the world. Along with the booming development of the world's auto industry, the consumption growth rate of China's specialty elastomer greatly increased. Currently, the consumption volume of China's specialty elastomer accounts for about 10% of the global consumption volume.

In this report, CCM conducted a drill-down research on the application situation of the specialty elastomer in China's auto industry.

### The report mainly covers the following aspects:

Overview of global consumption and China's consumption situation of specialty elastomer in 2012;

Major specialty elastomers' application situation in different sectors of China's auto industry, including auto sealing element, auto rubber tubing and other auto elements, as well as the downstream application proportion and consumption

volume of specialty elastomer in the auto industry;

The development trend of specialty elastomer in specific auto application and the consumption forecast of China's specialty elastomer during 2013 to 2015;

### **A wide coverage of readers:**

Raw material manufacturers of specialty elastomer;

Purchasers of specialty elastomer;

Production managers of specialty elastomer;

Professional engineers from specialty elastomer field and its related application industries

Investors who take interest in China's and global specialty elastomer and its downstream industries such as auto industry;

More.

### **What benefits can you obtain from the report?**

Discovering the current market share of different specialty elastomer in China;

Understanding the consumption situation and properties of China's specialty elastomer in specific auto application sectors;

Obtaining the forecast of China's specialty elastomer demand during 2013 to 2015;

More.

### **Methodologies:**

Desk based research

Telephone interviews

Questionnaire surveys

**Sources:**

CCM independent research

China Rubber Industry Association

International Rubber Study Group

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## About

### Overview of China's specialty elastomers market

In China, specialty elastomers are an important kind of synthetic rubber. The consumption volume of specialty elastomers only accounts for XXXX% of the total consumption of synthetic rubber in China. However, it plays a significant role in the rubber market and it is widely used in various downstream industries. At present, there are a good number of types of specialty elastomers in China's market. Major ones include silicone elastomer, Nd-based butadiene rubber (NdBR), fluoroelastomer, epichlorohydrin rubber (ECO), acrylate rubber (ACM) and hydrogenated nitrile butadiene rubber (HNBR).

Unlike ordinary synthetic rubber, which is greatly affected by overcapacity and gloomy downstream demand, specialty elastomers have maintained high growth rates within China's market in the last few years. Consumption of XXXX has grown by an average annual rate of XXXX% in the last few years, which is surely a result of a rise in demand for the elastomer in the XXXX industry. Consumption of XXXX has also continued to rise, growing XXXX% annually, this is because it is increasingly being used in products produced in the XXXX and XXXX industries.

### Fluoroelastomer

In 2012, the China's consumption of fluoroelastomer was about XXXX tonnes. The consumption of fluoroelastomer in automotive industry was about XXXX tonnes, which accounts for XXXX% of total consumption of fluoroelastomer that year. Unlike the global consumption of fluoroelastomer in automotive industry, which only grew at around XXXX%, China's fluoroelastomer consumption developed very rapidly, with growth of around XXXX% per year until 2009.

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