

# World Rubber

## Industry Study with Forecasts for 2019 & 2024

Study #3381 | February 2016 | \$6300



World demand for rubber is forecast to rise 3.9 percent per year to 31.7 million metric tons in 2019. Gains will be driven by increased tire manufacturing, which represents by far the largest application for rubber. Rising income levels in developing regions, particularly in the Asia/Pacific region, will support gains in motor vehicle manufacturing and usage, fueling demand for tires and, in turn, rubber. Growth in manufacturing activity will also support increased demand for rubber in non-tire applications such as automotive components, industrial rubber products, medical products, and footwear.

### Asia/Pacific region to grow the fastest

The Asia/Pacific region is projected to post the fastest growth in rubber consumption through 2019 and will account for nearly two-thirds of global demand in that year. Through 2019, six of the seven fastest growing national rubber markets worldwide will be located in the Asia/Pacific region. Indonesia, India, and Thailand are expected to post the fastest growth. Demand for rubber in China, Malaysia, and Vietnam will also advance rapidly, benefiting from gains in manufacturing activity. Demand for rubber in Central and South America and the Africa/Mideast region will also rise at solid rates, benefiting from growth in these regions' tire industries.

Demand for rubber will advance at below average rates in North America and Europe through 2019. The maturity of economies throughout these regions will constrain growth in the manufacture of rubber consuming products. However, gains in tire manufacturing in both regions will support advances in rubber demand. Western Europe is

forecast to post the slowest growth in rubber demand through 2019. The region's tire industries have suffered from producers shifting operations elsewhere in the world, and the permanent closure of tire manufacturing facilities will limit the ability of Western Europe's rubber market to recover from a weak European economy.

### Tires to remain dominant rubber market

Tires will remain the dominant market through 2019, as the global rate of growth for tire manufacturing is projected to be similar to that of manufacturing in general. In addition to contributing to increased demand for tire rubber, rising output of motor vehicles will support growth in demand for rubber in non-tire automotive components such as belts, gaskets, and hoses. Growth in manufacturing will also bolster consumption of rubber in industrial and consumer products. Synthetic rubber is projected to hold steady at 55 percent of world rubber demand in 2019. While use of synthetic rubber is expected to become more common in some applications, particularly rubber gloves, natural rubber will remain a crucial tire material.

### Study coverage

This study analyzes global rubber demand. It presents historical data (2004, 2009 and 2014) and forecasts (2019 and 2024) by type of rubber (synthetic, natural) and application (tires, non-tire) for six world regions and 23 major countries. The study also considers market environment factors, details industry structure, evaluates company market shares, and profiles 31 industry participants.

## CONTENTS SUMMARY

### Executive Summary

### Market Environment

### Overview

#### Regional Overview

Demand

Production

Synthetic Rubber

Natural Rubber

International Trade

Stockpiles

Demand by Application

Tires

Motor Vehicle

Other

Non-Tire

Demand by Type

Synthetic

Natural

### North America

Economic & Vehicle Overview

Rubber Supply & Demand

Rubber Demand by Type & Application

Synthetic Rubber Production Capacity

United States

Canada

Mexico

### Western Europe

Economic & Vehicle Overview

Rubber Supply & Demand

Rubber Demand by Type & Application

Synthetic Rubber Production Capacity

Germany

France

Spain

Italy

United Kingdom

Other Western Europe

Belgium

Netherlands

Portugal

All Other

### Asia/Pacific

Economic & Vehicle Overview

Rubber Supply & Demand

Rubber Demand by Type & Application

Synthetic Rubber Production Capacity

China

Japan

India

Thailand

Indonesia

Malaysia

South Korea

Taiwan

Vietnam

Other Asia/Pacific

### Other Regions

Central & South America

Economic & Vehicle Overview

Rubber Supply & Demand

Rubber Demand by Type & Application

Synthetic Rubber Production Capacity

Brazil

Other Central & South America

Eastern Europe

Economic & Vehicle Overview

Rubber Supply & Demand

Rubber Demand by Type & Application

Synthetic Rubber Production Capacity

Russia

Poland

Other Eastern Europe

Czech Republic

All Other

Africa/Mideast

Economic & Vehicle Overview

Rubber Supply & Demand

Rubber Demand by Type & Application

Synthetic Rubber Production Capacity

Turkey

Iran

South Africa

Other Africa/Mideast

### Industry Structure

Industry Composition

Market Share

Synthetic Rubber

Natural Rubber

Acquisitions, Divestitures,

& Industry Restructuring

Marketing & Distribution

Cooperative Agreements

Competitive Strategies

Research & Development

### Company Profiles

## TABLES & CHARTS\*

### Executive Summary

1 Summary Table

### Overview

1 World Rubber Demand by Region

Cht World Rubber Demand  
by Region, 2014

Cht Shares of the Projected Increase  
in Rubber Demand from  
2014 to 2019 by Region

Cht World Rubber Demand Projected  
2014-2019 Annual Rate of Growth

2 World Rubber Production  
by Type & Region

Cht World Rubber Production  
by Region, 2014

Cht Shares of the Projected Increase  
in Rubber Production from  
2014 to 2019 by Region

3 World Synthetic Rubber  
Production by Region

4 World Natural Rubber  
Production by Region

5 World Rubber Net Exports by Region

6 World Rubber Demand by Application

7 World Tire Rubber Demand  
by Market & Region

8 World Non-Tire Rubber  
Demand by Region

9 World Rubber Demand by Type

10 World Synthetic Rubber Demand  
by Type & Region

11 World Natural Rubber  
Demand by Region

\*Tables for each region/country include:  
Rubber Supply & Demand  
Rubber Demand by Type & Application  
Synthetic Rubber Production Capacity  
by Company, Year-End 2014

\*Charts for each region/country include:  
Rubber Demand, 2004-2014 (chart)

### Industry Structure

1 World Rubber Sales by Company, 2014

Cht World Rubber Market Share, 2014

Cht World Synthetic Rubber Production  
Capacity, Year-End 2014

2 Selected Acquisitions & Divestitures

3 Selected Cooperative Agreements

**ASIA/PACIFIC**

**South Korea Synthetic Rubber Production Capacity**

Annual synthetic rubber production capacity in South Korea is nearly 440,000 metric tons per annum. The majority of this capacity is accounted for by LG Chem, which also is a significant producer of natural rubber. LG Chem is a wholly-owned subsidiary of LG Chemical, Ltd., a major manufacturer of synthetic rubber in South Korea. LG Chem produces SBR, BR, and EPDM at two plants in Daesan. The first plant was completed in 2004 and the second in 2012. At year-end 2014, the total production capacity of LG Chem was 350,000 metric tons of SBR, 500,000 metric tons of BR, and 60,000 metric tons of NE per annum.

Beyond its wholly-owned operations, Kumho Petrochemical manufactures synthetic rubber through Kumho Polychem (South Korea) a 50/50 joint venture with JSR (Japan). Kumho Polychem produces EPDM at two plants in Yeosu. The second plant opened in September 2013 and subsequently expanded in September 2015. Following these expansions, Kumho Polychem has the capacity to produce 220,000 metric tons of EPDM per year.

Among the other South Korean synthetic rubber producers are LG Chem and SK Energy. LG Chem manufactures BR, SBR, and NE at two facilities in Daesan. Collectively, these plants had a total production capacity of 440,000 metric tons per year at the end of 2014. LG Chem expanded its synthetic rubber production capabilities by 60,000 metric tons per year with the opening of a new solution-SBR plant in November 2013. SK Energy manufactures EPDM at a facility in Ulsan that has the capacity to produce 35,000 metric tons per annum.

©2016 by MarketResearch.com, Inc. - All rights reserved

**TABLE V-10**

**SPAIN: RUBBER SUPPLY & DEMAND (thousand metric tons)**

Item	2004	2009	2014	2019	2024
Population (million persons)	47.0	46.2	47.0	48.0	48.7
\$ GDP/capita	34				0
Gross Domestic Product (bil 2013\$)	1				5
Motor Vehicles in Use (million units)	2				5
kg rubber/capita	1				3
kg rubber/000\$ GDP	0				1
Rubber Demand					5
net exports & stock changes	-				0
Rubber Production					5
Synthetic					5
Natural					-
% Spain					9
Western Europe Rubber Production	2000	2010	2020	2170	2100

Source: The Freedonia Group

**TABLE VII-24**

**TURKEY: RUBBER DEMAND BY TYPE & APPLICATION (thousand metric tons)**

Item	2004	2009	2014	2019	2024
Manufacturing Value Added (bil 2013\$)	1				0
kg rubber/000\$ MVA	0				0
Rubber Demand	4				0
By Type:					
Synthetic	2				0
Natural	2				0
By Application:					
Tire	2				0
Light Vehicle					0
Heavy Vehicle & Retread	1				0
Other	1				0
Non-Tire	1				0
% Turkey	0				0
Africa/Mideast Rubber Demand	0	12	10	20	20

Source: The Freedonia Group

## This study can help you:

- Determine your market & sales potential
- Learn more about industry competitors
- Assess new products & technologies
- Identify firms to merge with or acquire
- Complement your research & planning
- Gather data for presentations
- Confirm your own internal data
- Make better business decisions

## Related Studies

### Natural Polymers

This study analyzes US demand for natural polymers. It presents historical data (2005, 2010, and 2015) and forecasts (2020 and 2025) by market (e.g., food and beverages, medical, oilfield, cosmetics and toiletries, paint and inks, construction, adhesives) and product (e.g., cellulose ethers, starch and fermentation polymers, exudates and vegetable gums, protein-based polymers, marine polymers). The study also considers market environment factors, details industry structure, evaluates company market share and profiles industry players.

#3415..... May 2016 ..... \$5300

### Plastic Foams

This study analyzes US demand for plastic foams. It presents historical data (2005, 2010 and 2015) and forecasts (2015 and 2020) by market (e.g., foodservice and consumer disposables, protective packaging, containers, insulation, flooring and carpet backing, bedding, furniture, appliances, motor vehicles) and resin (e.g., polyurethane, polystyrene, polypropylene, HDPE). The study also considers market environment factors, details industry structure, evaluates company market share, and profiles industry players.

#3405..... May 2016 ..... \$5300

### Silicones

US demand for silicones will climb 4.5 percent annually to \$4.4 billion in 2020, with volume rising 2.6 percent per year to 908 million pounds. This will be a moderation from the previous 5-year pace. Silicone elastomers and resins will remain the fastest growing products. The industrial market will remain dominant, but will be outpaced by medical and construction uses. This study analyzes the \$3.5 billion US silicone market, with forecasts for 2020 and 2025 by product, market, and application. The study also evaluates company market share and profiles industry players.

#3391..... March 2016..... \$5300

### World Thermoplastic Elastomers

World thermoplastic elastomer (TPE) demand will grow 5.2 percent annually to 6.7 million metric tons in 2019. Styrenic block copolymers will remain the largest segment, while thermoplastic vulcanizates and polyolefin elastomers will grow the fastest. China will remain the largest and fastest growing market. This study analyzes the 5.2 million metric ton world TPE industry, with forecasts for 2019 and 2024 by market and product for six world regions and 16 major countries. The study also evaluates company market share and profiles industry players.

#3326..... November 2015 ..... \$6500

## Contact Freedonia

1.800.927.5900 (US & Canada)

+1 440.684.9600 (Int'l)

email: [info@freedoniagroup.com](mailto:info@freedoniagroup.com)

website: [freedoniagroup.com](http://freedoniagroup.com)

## Freedonia's methods

- Establishing consistent economic & market forecasts
- Using input/output ratios, flow charts & other economic methods to quantify data
- Employing in-house analysts who meet stringent quality standards
- Interviewing key industry participants, experts & end users
- Researching a proprietary database that includes trade publications, government reports & corporate literature

## About The Freedonia Group

The Freedonia Group is a leading international industry market research company that provides its clients with information and analysis needed to make informed strategic decisions for their businesses. Studies help clients identify business opportunities, develop strategies, make investment decisions and evaluate opportunities and threats. Freedonia research is designed to deliver unbiased views and reliable outlooks to assist clients in making the right decisions. Freedonia capitalizes on the resources of its proprietary in-house research team of experienced economists, professional analysts, industry researchers and editorial groups. Freedonia covers a diverse group of industries throughout the United States and other world markets. Industries analyzed by Freedonia include:

Automotive & Transport • Chemicals • Construction & Building Products • Consumer Goods • Energy & Petroleum • Industrial Components • Healthcare & Life Sciences • Machinery & Equipment • Metals, Minerals & Glass • Packaging • Plastics & Other Polymers • Security • Services • Textiles & Nonwovens • Water Treatment

## The Freedonia Group is a division of MarketResearch.com

## About MarketResearch.com

With offices in London, New York City, and Washington D.C., [MarketResearch.com](http://MarketResearch.com) is the leading provider of global market intelligence products and services. With research reports from more than 720 top consulting and advisory firms, [MarketResearch.com](http://MarketResearch.com) offers instant online access to the world's most extensive database of expert insights on industries, companies, products, and trends.



Market  
Research.com

[Click here to purchase study online](#)