+357 96 030922
info@marketpublishers.com

# Elastomers Market - Global Industry Size, Share, Trends, Opportunity, and Forecast, Segmented By Type (Thermoset (Natural Rubber, Synthetic Rubber (SBR, IIR, PBR, NBR, ACM, EPM)), and Thermoplastic (PEBA, SBC, TPO, TPU, TPV)), By Application (Automotive, Consumer Goods, Medical, and Industrial), By Region & Competition, 2021-2031F

https://marketpublishers.com/r/ECB14A31F15AEN.html
Date: January 2026
Pages: 185
Price: US$ 4,500.00 (Single User License)
ID: ECB14A31F15AEN

## Abstracts

The Global Elastomers Market is projected to expand from a valuation of USD 105.09 Billion in 2025 to USD 143.02 Billion by 2031, progressing at a CAGR of 5.27%. Elastomers, defined as viscoelastic polymers capable of regaining their original form after deformation, encompass both natural and synthetic varieties and are utilized extensively across industrial sectors. This market growth is primarily anchored by the burgeoning automotive industry, which demands substantial volumes of these materials for tires, seals, and hoses, alongside rising requirements from the construction and medical sectors for durable and flexible components. Data from the 'International Rubber Study Group' indicates that in '2025', global rubber consumption hit 15.8 million tonnes in the first half of the year, marking a 1.9% increase compared to the corresponding period in 2024.

However, market expansion faces significant hurdles due to the volatility of raw material prices and the complexities involved in ensuring supply chain sustainability. Manufacturers are increasingly burdened by rigorous environmental compliance mandates, such as deforestation regulations, which interrupt established trade flows and increase production costs. This regulatory pressure, combined with fluctuations in crude oil prices that directly affect synthetic rubber inputs, creates a precarious environment that complicates long-term planning and investment for market

+357 96 030922
info@marketpublishers.com

participants.

**Market Driver**

The rapid growth of the electric vehicle sector and advancements in battery technology are fundamentally reshaping the demand for specialized elastomers. Unlike internal combustion engines, electric vehicles necessitate high-performance materials capable of delivering thermal management, electrical insulation, and noise reduction. Manufacturers are prioritizing lightweight elastomers to counterbalance heavy battery packs, driving innovation in silicone and EPDM rubbers used in battery seals and cooling system hoses. This technological shift ensures that material suppliers must adapt to stricter performance specifications associated with high-voltage environments. According to the International Energy Agency's 'Global EV Outlook 2024' published in April 2024, global electric car sales approached 14 million in 2023, creating a sustained surge in demand for these specialized automotive components.

Simultaneously, global shifts toward bio-based and sustainable elastomer solutions are accelerating as companies adapt to regulatory mandates and circular economy principles. Industry players are investing heavily in deriving natural rubber from alternative sources like guayule, alongside developing synthetic rubbers from bio-feedstocks to reduce carbon footprints. Major producers are integrating higher percentages of renewable content to mitigate raw material volatility and meet environmental compliance standards. According to Continental AG's 'Annual Report 2023' from March 2024, the company successfully launched volume production of tires containing up to 65% renewable and recycled materials. Furthermore, the Association of Natural Rubber Producing Countries reported that in 2024, global natural rubber output was projected to rise by 1.1%, reflecting the continued expansion of organic supply chains.

**Market Challenge**

The volatility of raw material prices and the increasing complexity of ensuring supply chain sustainability are severely restricting the expansion of the Global Elastomers Market. Manufacturers are contending with rigorous environmental compliance mandates, specifically deforestation regulations, which disrupt established procurement channels and elevate production costs. This regulatory burden creates significant uncertainty, forcing companies to divert resources toward compliance verification rather than capacity expansion. Consequently, these supply chain disruptions limit the availability of essential inputs, creating a volatile market environment that complicates

+357 96 030922
info@marketpublishers.com

strategic planning and deters investment.

The impact of these challenges is evident in the contracting output of key raw material hubs. According to the 'Association of Natural Rubber Producing Countries', in '2025', natural rubber production in Indonesia is projected to decline by nearly 10% as cultivators reduce tapped areas in favor of other crops. This substantial reduction in supply from a major producing nation directly hampers the elastomers market by constraining raw material availability and exacerbating the precarious balance between supply and demand.

**Market Trends**

The emergence of conductive elastomers is revolutionizing the wearable electronics sector, enabling the development of "skin-like" devices that maintain performance under mechanical strain. Unlike traditional rigid components, these advanced materials combine the flexibility of rubber with electrical conductivity, allowing for the creation of stretchable sensors and energy-harvesting units that conform seamlessly to the human body. This capability is critical for next-generation health monitors and smart clothing that require continuous data tracking without compromising user comfort. According to Rubber Journal Asia, September 2025, in the article 'Chinese scientists innovate thermoelectric rubber to power smart/medical devices', researchers successfully developed a new stretchable thermoelectric elastomer capable of converting body heat into electricity, maintaining functionality even when stretched to 150% of its original length.

Simultaneously, the market is witnessing a robust shift toward the utilization of thermoplastic elastomers (TPEs) as superior replacements for traditional thermoset rubbers and PVC, particularly in the medical and automotive industries. This transition is driven by the need for materials that offer comparable elasticity while providing the processing efficiency and recyclability of thermoplastics, which thermosets lack. Manufacturers are aggressively expanding their portfolios to meet stringent regulatory standards for biocompatibility and sustainability. For instance, according to Plastics Engineering, March 2025, in the article 'The Rapid Growth of the Medical Elastomer Market', Teknor Apex expanded its portfolio of medical-grade thermoplastic elastomers with new grades specifically designed for biopharmaceutical tubing applications, addressing the sector's demand for high-purity and recyclable alternatives.

**Key Market Players**

+357 96 030922
info@marketpublishers.com

The DOW Chemical Company

BASF SE

Covestro AG

JSR Corporation

Nizhnekamskneftekhim PJSC

Teknor Apex

E. I. Du Pont De Nemours and Company

Lanxess AG

Zeon Corporation

Kuraray Co. Ltd.

**Report Scope**

In this report, the Global Elastomers Market has been segmented into the following categories, in addition to the industry trends which have also been detailed below:

Elastomers Market, By Type

Thermoset (Natural Rubber

Synthetic Rubber (SBR

IIR

PBR

NBR

ACM

+357 96 030922
info@marketpublishers.com

EPM))

Thermoplastic (PEBA

SBC

TPO

TPU

TPV)

Elastomers Market, By Application

Automotive

Consumer Goods

Medical

Industrial

Elastomers Market, By Region

North America

United States

Canada

Mexico

Europe

France

United Kingdom

+357 96 030922
info@marketpublishers.com

Italy

Germany

Spain

Asia Pacific

China

India

Japan

Australia

South Korea

South America

Brazil

Argentina

Colombia

Middle East & Africa

South Africa

Saudi Arabia

UAE

**Competitive Landscape**

Company Profiles: Detailed analysis of the major companies present in the Global Elastomers Market.

+357 96 030922
info@marketpublishers.com

**Available Customizations:**

Global Elastomers Market report with the given market data, TechSci Research offers customizations according to a company's specific needs. The following customization options are available for the report:

**Company Information**

Detailed analysis and profiling of additional market players (up to five).

+357 96 030922
info@marketpublishers.com

# Contents

+357 96 030922
info@marketpublishers.com



## 6. NORTH AMERICA ELASTOMERS MARKET OUTLOOK



## 7. EUROPE ELASTOMERS MARKET OUTLOOK

+357 96 030922
info@marketpublishers.com



## 8. ASIA PACIFIC ELASTOMERS MARKET OUTLOOK

+357 96 030922
info@marketpublishers.com



## 9. MIDDLE EAST & AFRICA ELASTOMERS MARKET OUTLOOK

+357 96 030922
info@marketpublishers.com



## 10. SOUTH AMERICA ELASTOMERS MARKET OUTLOOK

+357 96 030922
info@marketpublishers.com

+357 96 030922
info@marketpublishers.com

+357 96 030922
info@marketpublishers.com

## I would like to order

Product name: Elastomers Market - Global Industry Size, Share, Trends, Opportunity, and Forecast, Segmented By Type (Thermoset (Natural Rubber, Synthetic Rubber (SBR, IIR, PBR, NBR, ACM, EPM)), and Thermoplastic (PEBA, SBC, TPO, TPU, TPV)), By Application (Automotive, Consumer Goods, Medical, and Industrial), By Region & Competition, 2021-2031F

Product link: https://marketpublishers.com/r/ECB14A31F15AEN.html

Price: US$ 4,500.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:
info@marketpublishers.com

## Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page https://marketpublishers.com/r/ECB14A31F15AEN.html