

# Isoprene Market by Type (Polymer grade, Chemical grade), Application (Polyisoprene, Styrene isoprene styrene, Isobutyl isoprene rubber), End-Use Industry (Tires, Non-tires, Adhesives), and Region - Global Forecast to 2021

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# **Abstracts**

"The isoprene market is expected to grow at a CAGR of 7.4% during forecast period"

The isoprene market is projected to reach USD 2.96 billion by 2021, at a CAGR of 7.4% from 2016 to 2021. Isoprene is a colorless volatile liquid obtained by thermal cracking of naphtha and other petrochemicals. Isoprene either alone or in combination with other compounds is primarily used to make polymeric materials. There has been a growing demand of isoprene from end-use industries, such as tires, non-tires, adhesives, and other industries. The growing tire and rubber industries are driving the isoprene market. The market is dominated by Russian manufacturers who are focused on expanding their production capacities. Isoprene acts as a chemical raw material for polyisoprene, SIS, and IIR. Synthetic rubber is replacing natural rubber in almost every rubber applications; this acts as a driving factor for isoprene market.

"Polymer grade isoprene; the dominant type in the isoprene market"

The polymer grade type of isoprene is projected to grow at high CAGR during the forecast period in isoprene market. This type of isoprene is widely used to produce polyisoprene and isobutylene isoprene rubber. In addition, this type of isoprene is also used in other industries such as medical and pharmaceutical packaging and also in products such as rubber bands, footwear, cut thread, baby bottle nipples, hoses, and conveyor belts.



"Polyisoprene; the fastest-growing application segment"

The polyisoprene is estimated to be the fastest-growing segment of the isoprene market during the forecast period. A major driver of polyisoprene application is the growing tire and automotive industries, globally. Also, polyisoprene is becoming a perfect substitute for natural rubber in the medical sector as it provides flexibility and high tensile strength similar to natural rubber, and doesn't trigger an allergic reaction and thus has a rapidly growing demand.

"Tires; the fastest-growing end-use industry"

The tire industry is estimated to be the fastest-growing end-use industry of the isoprene market during the forecast period. Properties such as, toughness, abrasion and cold resistance, high tensile strength, high resilience and good hot tear strength makes it suitable for tire manufacturing. A major driver of the tire industry is the growing automotive industry also the growing demand for fuel efficiency and eco-friendly tires are driving the tire industry and in turn the demand for isoprene in tire end-use industry.

"Europe is estimated to be the leading market for isoprene"

Europe is estimated to be the leading market for isoprene. Russia is estimated to be the largest market for isoprene and is projected to be the fastest-growing market for isoprene in this region during the forecast period. Germany, France, and the U.K. are other countries contributing to the growth of the isoprene market in this region. The increasing demand for isoprene from the end-use industries such as tires, non-tires, adhesives, and others is expected to drive the growth of the isoprene market in these countries.

Extensive primary interviews were conducted to determine and verify the market size for several segments and subsegments and information gathered through secondary research.

The break-up of primary interviews is given below:

By Company Type - Tier 1 - 30%, Tier 2 - 43%, and Tier 3 - 27%

By Designation - C level – 21%, D level – 23%, and Others – 56%

By Region - North America - 30%, Europe - 18%, Asia-Pacific - 41%, and RoW-



11%

The companies profiled in the isoprene market research report are Nizhnekamskneftekhim (Russia), SIBUR (Russia), The Goodyear Tire & Rubber Company (U.S.), Royal Dutch Shell Plc (Netherlands), Kuraray Co. Ltd. (Japan), ZEON Corporation (Japan), LyondellBasell Industries N.V.(U.S.), JSR Corporation (Japan), Ningbo Jinhai Chenguang (China), Shandong Yuhuang Chemical Group Co. Ltd. (China), Finetech Industry Ltd. (U.K.), Haihang Industry Co. Ltd.(China), Fortrec Chemicals and Petroleum Pte Ltd. (Singapore), and Braskem (Brazil).

# Research Coverage:

This research report categorizes the isoprene market on the basis of type, application, end-use industry, and region. The report includes detailed information regarding the major factors influencing the growth of the isoprene market such as drivers, restraints, challenges, and opportunities. A detailed analysis of the key industry players has been done to provide insights into business overviews, products & services, key strategies, expansions, mergers & acquisitions, new product developments, agreements, and recent developments associated with the market.

#### Reasons to Buy the Report

The report will help market leaders/new entrants in this market in the following ways:

- 1. This report segments the isoprene market comprehensively and provides the closest approximations of market sizes for the overall market and subsegments across end-use industries and regions.
- 2. The report will help stakeholders understand the pulse of the market and provide them information on the key market drivers, restraints, challenges, and opportunities.
- 3. This report will help stakeholders understand the major competitors and gain insights to enhance their position in the business. The competitive landscape section includes expansions, acquisitions, and new product developments.



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