

Polyisoprene Market Report by Type (Natural Polyisoprene, Synthetic Polyisoprene), Application (Tires and Related Products, Latex Products, Footwear, Non-Automotive Engineering, Belting and Hose, and Others), and Region 2024-2032

<https://marketpublishers.com/r/P7D574F4F2B8EN.html>

Date: July 2024

Pages: 140

Price: US\$ 3,899.00 (Single User License)

ID: P7D574F4F2B8EN

Abstracts

The global polyisoprene market size reached 19.7 Million Tons in 2023. Looking forward, IMARC Group expects the market to reach 33.1 Million Tons by 2032, exhibiting a growth rate (CAGR) of 5.8% during 2024-2032.

Polyisoprene (C₅H₈) is a synthetic elastomer that exhibits similar characteristics as that of natural rubber. It can be naturally extracted from the sap of the Hevea Brasiliensis tree. On the other hand, polyisoprene can be produced industrially by the polymerization of the isoprene monomer. As compared to natural rubber, polyisoprene has better weather resistance and possesses a purer, more consistent and homogenous polymer structure. It is used in various applications that require low water swell, good resilience, good tack, high gum tensile strength, and high hot tensile strength.

Polyisoprene Market Trends:

Polyisoprene is increasingly being used as an alternative to natural rubber in the manufacturing of catheters, medical balloons, and surgical or medical gloves for better comfort and enhanced protection from pathogens. The extensive utilization of these products in the healthcare sector is providing an impetus to the market growth. In line with this, the onset of coronavirus disease (COVID-19) has facilitated the usage of medical gloves significantly to minimize the spread of the virus, which, in turn, is influencing the market growth. Moreover, there has been a rise in awareness regarding the usage of effective contraceptives to avoid sexually transmitted diseases (STDs) and

unplanned pregnancies, which has contributed to the demand for wearable contraceptives. This is further supported by rapid investments by manufacturers to develop and market innovative condom designs. Other than this, leading polyisoprene manufacturers are focusing on research and development (R&D) activities to introduce improved products with high resealability and low needle penetration resistance. This is acting as another growth-inducing factor for the market.

Key Market Segmentation:

IMARC Group provides an analysis of the key trends in each segment of the global polyisoprene market report, along with forecasts at the global and regional levels from 2024-2032. Our report has categorized the market based on type and application.

Breakup by Type:

- Natural Polyisoprene
- Synthetic Polyisoprene

Breakup by Application:

- Tires and Related Products
- Latex Products
- Footwear
- Non-Automotive Engineering
- Belting and Hose
- Others

Regional Insights:

- Natural Polyisoprene
 - China
 - India
 - United States
 - Japan
 - Thailand
 - Others
- Synthetic Polyisoprene
 - Russia
 - United States
 - Japan

China
Western Europe
Others

Competitive Landscape:

The competitive landscape of the industry has also been examined, along with the profiles of the key players.

Key Questions Answered in This Report

1. What was the global polyisoprene market size in 2023?
2. What will be the global polyisoprene market outlook during the forecast period (2024-2032)?
3. What is the impact of COVID-19 on the global polyisoprene market?
4. What are the global polyisoprene market drivers?
5. What are the major trends in the global polyisoprene market?
6. What is the global polyisoprene market breakup by application?

Contents

1 PREFACE

2 SCOPE AND METHODOLOGY

- 2.1 Objectives of the Study
- 2.2 Stakeholders
- 2.3 Data Sources
 - 2.3.1 Primary Sources
 - 2.3.2 Secondary Sources
- 2.4 Market Estimation
 - 2.4.1 Bottom-Up Approach
 - 2.4.2 Top-Down Approach
- 2.5 Forecasting Methodology

3 EXECUTIVE SUMMARY

4 INTRODUCTION

- 4.1 Overview
- 4.2 Physical and Chemical Properties
- 4.3 Key Industry Trends

5 GLOBAL POLYISOPRENE MARKET

- 5.1 Market Overview
- 5.2 Market Performance
 - 5.2.1 Volume Trends
 - 5.2.2 Value Trends
- 5.3 Impact of COVID-19
- 5.4 Market Breakup by Region
- 5.5 Market Breakup by Type
- 5.6 Market Breakup by Application
 - 5.6.1 Tires and Related Products
 - 5.6.1.1 Market Trends
 - 5.6.1.2 Market Forecast
 - 5.6.2 Latex Products
 - 5.6.2.1 Market Trends

- 5.6.2.2 Market Forecast
- 5.6.3 Footwear
 - 5.6.3.1 Market Trends
 - 5.6.3.2 Market Forecast
- 5.6.4 Non-Automotive Engineering
 - 5.6.4.1 Market Trends
 - 5.6.4.2 Market Forecast
- 5.6.5 Belting and Hose
 - 5.6.5.1 Market Trends
 - 5.6.5.2 Market Forecast
- 5.6.6 Others
 - 5.6.6.1 Market Trends
 - 5.6.6.2 Market Forecast
- 5.7 Market Forecast

6 GLOBAL NATURAL POLYISOPRENE MARKET

- 6.1 Market Performance
 - 6.1.1 Volume Trends
 - 6.1.2 Value Trends
- 6.2 Price Trends
- 6.3 Market Breakup by Region
 - 6.3.1 China
 - 6.3.2 India
 - 6.3.3 United States
 - 6.3.4 Japan
 - 6.3.5 Thailand
 - 6.3.6 Others
- 6.4 Market Breakup by Key Players
- 6.5 Imports and Exports
- 6.6 Market Forecast

7 GLOBAL SYNTHETIC POLYISOPRENE MARKET

- 7.1 Market Performance
 - 7.1.1 Volume Trends
 - 7.1.2 Value Trends
- 7.2 Price Trends
- 7.3 Market Breakup by Region

- 7.3.1 Russia
- 7.3.2 United States
- 7.3.3 Japan
- 7.3.4 China
- 7.3.5 Western Europe
- 7.3.6 Others
- 7.4 Market Breakup by Key Players
- 7.5 Imports and Exports
- 7.6 Market Forecast

8 GLOBAL POLYISOPRENE INDUSTRY ANALYSIS

- 8.1 SWOT Analysis
 - 8.1.1 Overview
 - 8.1.2 Strengths
 - 8.1.3 Weaknesses
 - 8.1.4 Opportunities
 - 8.1.5 Threats
- 8.2 Value Chain Analysis
 - 8.2.1 Raw Material Procurement
 - 8.2.2 Manufacturing
 - 8.2.3 Distribution
 - 8.2.4 Export
 - 8.2.5 End-Use
- 8.3 Product Pricing and Margin Analysis
- 8.4 Porter's Five Forces Analysis
 - 8.4.1 Overview
 - 8.4.2 Bargaining Power of Buyers
 - 8.4.3 Bargaining Power of Suppliers
 - 8.4.4 Degree of Competition
 - 8.4.5 Threat of New Entrants
 - 8.4.6 Threat of Substitutes

9 COMPETITIVE LANDSCAPE

10 POLYISOPRENE MANUFACTURING PROCESS

- 10.1 Product Overview
- 10.2 Chemical Reactions Involved

- 10.3 Detailed Process Flow
- 10.4 Raw Material Requirements
- 10.5 Mass Balance and Feedstock Conversion Rates
- 10.6 Key Success and Risk Factors

11 POLYISOPRENE: FEEDSTOCK ANALYSIS

- 11.1 Isoprene
 - 11.1.1 Market Performance
 - 11.1.1.1 Volume Trends
 - 11.1.1.2 Value Trends
 - 11.1.2 Price Trends
 - 11.1.3 Market Breakup by Region
 - 11.1.4 Market Breakup by Application
 - 11.1.5 Key Manufacturers

I would like to order

Product name: Polyisoprene Market Report by Type (Natural Polyisoprene, Synthetic Polyisoprene), Application (Tires and Related Products, Latex Products, Footwear, Non-Automotive Engineering, Belting and Hose, and Others), and Region 2024-2032

Product link: <https://marketpublishers.com/r/P7D574F4F2B8EN.html>

Price: US\$ 3,899.00 (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/P7D574F4F2B8EN.html>

To pay by Wire Transfer, please, fill in your contact details in the form below:

First name:
Last name:
Email:
Company:
Address:
City:
Zip code:
Country:
Tel:
Fax:
Your message:

****All fields are required**

Customer signature _____

Please, note that by ordering from marketpublishers.com you are agreeing to our Terms & Conditions at <https://marketpublishers.com/docs/terms.html>

To place an order via fax simply print this form, fill in the information below

and fax the completed form to +44 20 7900 3970