Polyisobutylene (PIB) is also known as butyl rubber. It is a synthetic rubber produced by cationic vinyl polymerization of monomer isobutylene. PIB possess various superior properties such as thermal stability, low permeability to gases, dielectric, chemical resistance, tackiness, and non-toxicity. It finds application in tires & tubes, adhesives, sealants, lubricants, electrical insulation, and stretch wrap.

The demand for polyisobutylene is majorly driven by the growth of transportation industry across developing regions such as the Asia Pacific and Latin America. Significant growth in automotive production and sales is propelling the market growth. Additionally, rising environmental concerns have increased the production of electric vehicles in both developed and the developing countries. Rapidly expanding aerospace industry with increasing demand for the aircraft is another important factor driving the global PIB market across the globe.

The product consumption is rising in the electrical industry with growing the demand for consumer electronic products such as smart TV, wireless speakers, and home appliances. Growing construction industry along with improving living standard and rising per capita income of the consumers are significantly driving the market growth. The demand for PIB is increasing from the healthcare industry due to non-toxicity and non-skin resistant properties.

Some of the trends noted in the polyisobutylene market include business expansion and mergers & acquisitions between the market players. In 2018, BASF PETRONAS Chemicals set up a new plant for highly reactive PIB production in Malaysia with an annual capacity of 50,000 metric tons. This is likely to help the company to expand business in the Asia Pacific region backed by the raw material availability at a competitive cost.
Regional Analysis

Asia Pacific was largest polyisobutylene market in 2016 across the globe and is expected to grow at a significant rate during the review period. Moreover, rapidly expanding automotive industry in the emerging economies such as India, China, and Thailand coupled with rising disposable income of the consumers is driving the market growth. For instance, according to the Indian Brand Equity Foundation, sales of a passenger vehicle in India is expected to witness a CAGR of 11% during 2016-2026. Additionally, PIB consumption is increasing in the construction industry as a result of growing investment in the infrastructural activities in this region. Initiatives taken by the Indian government such as Smart Cities Mission and Atal Mission for Rejuvenation and Urban Transformation are augmenting the market growth in this region. Moreover, an appealing electrical industry with increasing demand for the miniaturized electronic devices is another important factor driving the PIB market of this region.

North America and Europe are prominent regions for the polyisobutylene market with reviving automotive industry in this region. Prevalence of major automotive players such as General Motors, Ford, and Tesla are propelling the market growth in these regions. Additionally, growing demand for electronic devices in vehicles, pharmaceuticals, and home appliances is likely to bolster the growth of PIB market further.

Latin America and the Middle East & Africa are likely to experience rapid growth in the polyisobutylene market owing to increasing demand for the automobiles, especially in Brazil & Mexico and the UAE.

Segmentation

The global polyisobutylene market is segmented into molecular weight, grade, applications, and region.

On the basis of the molecular weight, the PIB market is bifurcated into low & medium and high.

Based on the grade, the market is segmented into conventional PIB and highly reactive (HR) PIB.

By the application, the market is segregated into tire & tubes, adhesives, sealants, lubricants, electrical insulation, and stretch wrap.

On the basis of the end-use industry, the market is segmented into transportation, construction, electrical, food & beverage, healthcare, cosmetics & personal care, and others.

On the basis of region, the market is segmented into Asia Pacific, North America, Europe, Latin America, and the Middle East & Africa.

Key Players

Some of the key players in the global polyisobutylene market are LANXESS (Germany), BASF SE (U.S.), DAELIM (South Korea), TPC Group (U.S.), Exxon Mobil Corporation (U.S.),
Lubrizol Corporation (U.S.), INEOS (UK), JXTG Nippon Oil & Energy Corporation (Japan), Infineum International Limited (Singapore), and Chevron Oronite Company LLC (U.S.)

Intended Audience
- Polyisobutylene manufacturers
- Traders and distributors of polyisobutylene
- Research and development institutes
- Potential investors
- Raw material suppliers
- Nationalized laboratory

Contents:

<table>
<thead>
<tr>
<th>Contents</th>
</tr>
</thead>
<tbody>
<tr>
<td>TABLE OF CONTENTS</td>
</tr>
<tr>
<td>1 Executive Summary</td>
</tr>
<tr>
<td>2 Scope of the Report</td>
</tr>
<tr>
<td>2.1 Market Definition</td>
</tr>
<tr>
<td>2.2 Scope of the Study</td>
</tr>
<tr>
<td>2.2.1 Research Objectives</td>
</tr>
<tr>
<td>2.2.2 Assumptions &amp; Limitations</td>
</tr>
<tr>
<td>2.3 Markets Structure</td>
</tr>
<tr>
<td>3 Market Research Methodology</td>
</tr>
<tr>
<td>3.1 Research Application</td>
</tr>
<tr>
<td>3.2 Secondary Research</td>
</tr>
<tr>
<td>3.3 Primary Research</td>
</tr>
<tr>
<td>3.4 Forecast Model</td>
</tr>
<tr>
<td>4 Market Landscape</td>
</tr>
<tr>
<td>4.1 Five Forces Analysis</td>
</tr>
<tr>
<td>4.1.1 Threat of New Entrants</td>
</tr>
<tr>
<td>4.1.2 Bargaining Power of Buyers</td>
</tr>
<tr>
<td>4.1.3 Threat of Substitutes</td>
</tr>
<tr>
<td>4.1.4 Segment Rivalry</td>
</tr>
<tr>
<td>4.2 Value Chain/Supply Chain of Global Polyisobutylene Market</td>
</tr>
<tr>
<td>5 Industry Overview of Global Polyisobutylene Market</td>
</tr>
<tr>
<td>5.1 Introduction</td>
</tr>
<tr>
<td>5.2 Growth Drivers</td>
</tr>
<tr>
<td>5.3 Impact Analysis</td>
</tr>
<tr>
<td>5.4 Market Challenges</td>
</tr>
<tr>
<td>6 Market Trends</td>
</tr>
<tr>
<td>6.1 Introduction</td>
</tr>
<tr>
<td>6.2 Growth Trends</td>
</tr>
<tr>
<td>6.3 Impact analysis</td>
</tr>
<tr>
<td>7. Global Polyisobutylene Market by Molecular Weight</td>
</tr>
<tr>
<td>7.1 Introduction</td>
</tr>
<tr>
<td>7.2 Low &amp; Medium</td>
</tr>
<tr>
<td>7.2.1 Market Estimates &amp; Forecast, 2017-2023</td>
</tr>
<tr>
<td>7.2.2 Market Estimates &amp; Forecast by Region, 2017-2023</td>
</tr>
<tr>
<td>7.3 High</td>
</tr>
<tr>
<td>7.3.1 Market Estimates &amp; Forecast, 2017-2023</td>
</tr>
<tr>
<td>7.3.2 Market Estimates &amp; Forecast by Region, 2017-2023</td>
</tr>
<tr>
<td>8. Global Polyisobutylene Market by Grade</td>
</tr>
</tbody>
</table>
8.1 Introduction
8.2 Conventional PIB
8.2.1 Market Estimates & Forecast, 2017-2023
8.2.2 Market Estimates & Forecast by Region, 2017-2023
8.3 Highly Reactive PIB
8.3.1 Market Estimates & Forecast, 2017-2023
8.3.2 Market Estimates & Forecast by Region, 2017-2023
9. Global Polyisobutylene Market by Application
9.1 Introduction
9.2 Tires & Tubes
9.2.1 Market Estimates & Forecast, 2017-2023
9.2.2 Market Estimates & Forecast by Region, 2017-2023
9.3 Adhesives
9.3.1 Market Estimates & Forecast, 2017-2023
9.3.2 Market Estimates & Forecast by Region, 2017-2023
9.4 Sealants
9.4.1 Market Estimates & Forecast, 2017-2023
9.4.2 Market Estimates & Forecast by Region, 2017-2023
9.5 Lubricants
9.5.1 Market Estimates & Forecast, 2017-2023
9.5.2 Market Estimates & Forecast by Region, 2017-2023
9.6 Electrical Insulation
9.6.1 Market Estimates & Forecast, 2017-2023
9.6.2 Market Estimates & Forecast by Region, 2017-2023
9.7 Stretch Wrap
9.7.1 Market Estimates & Forecast, 2017-2023
9.7.2 Market Estimates & Forecast by Region, 2017-2023
10. Global Polyisobutylene Market by End Use Industry
10.1 Introduction
10.2 Transportation
10.2.1 Market Estimates & Forecast, 2017-2023
10.2.2 Market Estimates & Forecast by Region, 2017-2023
10.3 Construction
10.3.1 Market Estimates & Forecast, 2017-2023
10.3.2 Market Estimates & Forecast by Region, 2017-2023
10.4 Electrical
10.4.1 Market Estimates & Forecast, 2017-2023
10.4.2 Market Estimates & Forecast by Region, 2017-2023
10.5 Food & Beverages
10.5.1 Market Estimates & Forecast, 2017-2023
10.5.2 Market Estimates & Forecast by Region, 2017-2023
10.6 Healthcare
10.6.1 Market Estimates & Forecast, 2017-2023
10.6.2 Market Estimates & Forecast by Region, 2017-2023
10.7 Cosmetics & Personal Care
10.7.1 Market Estimates & Forecast, 2017-2023
10.7.2 Market Estimates & Forecast by Region, 2017-2023
10.8 Others
10.8.1 Market Estimates & Forecast, 2017-2023
10.8.2 Market Estimates & Forecast by Region, 2017-2023

11. Global Polyisobutylene Market by Region

11.1 Introduction

11.2 North America

11.2.1 Market Estimates & Forecast, 2017-2023
11.2.2 Market Estimates & Forecast by Molecular Weight, 2017-2023
11.2.3 Market Estimates & Forecast by Grade, 2017-2023
11.2.4 Market Estimates & Forecast by Application, 2017-2023
11.2.5 Market Estimates & Forecast by End Use Industry, 2017-2023
11.2.6 U.S.

11.2.6.1 Market Estimates & Forecast, 2017-2023
11.2.6.2 Market Estimates & Forecast by Molecular Weight 2017-2023
11.2.6.3 Market Estimates & Forecast by Grade, 2017-2023
11.2.6.4 Market Estimates & Forecast by Application, 2017-2023
11.2.6.5 Market Estimates & Forecast by End Use Industry, 2017-2023

11.2.7 Mexico

11.2.7.1 Market Estimates & Forecast, 2017-2023
11.2.7.2 Market Estimates & Forecast by Molecular Weight, 2017-2023
11.2.7.3 Market Estimates & Forecast by Grade, 2017-2023
11.2.7.4 Market Estimates & Forecast by Application, 2017-2023
11.2.7.5 Market Estimates & Forecast by End Use Industry, 2017-2023

11.2.8 Canada

11.2.8.1 Market Estimates & Forecast, 2017-2023
11.2.8.2 Market Estimates & Forecast by Molecular Weight, 2017-2023
11.2.8.3 Market Estimates & Forecast by Grade, 2017-2023
11.2.8.4 Market Estimates & Forecast by Application, 2017-2023
11.2.8.5 Market Estimates & Forecast by End Use Industry, 2017-2023

11.3 Europe

11.3.1 Market Estimates & Forecast, 2017-2023
11.3.2 Market Estimates & Forecast by Molecular Weight, 2017-2023
11.3.3 Market Estimates & Forecast by Grade, 2017-2023
11.3.4 Market Estimates & Forecast by Application, 2017-2023
11.3.5 Market Estimates & Forecast by End Use Industry, 2017-2023

11.3.6 Germany

11.3.6.1 Market Estimates & Forecast, 2017-2023
11.3.6.2 Market Estimates & Forecast by Molecular Weight, 2017-2023
11.3.6.3 Market Estimates & Forecast by Grade, 2017-2023
11.3.6.4 Market Estimates & Forecast by Application, 2017-2023
11.3.6.5 Market Estimates & Forecast by End Use Industry, 2017-2023

11.3.7 France

11.3.7.1 Market Estimates & Forecast, 2017-2023
11.3.7.2 Market Estimates & Forecast by Molecular Weight, 2017-2023
11.3.7.3 Market Estimates & Forecast by Grade, 2017-2023
11.3.7.4 Market Estimates & Forecast by Application, 2017-2023
11.3.7.5 Market Estimates & Forecast by End Use Industry, 2017-2023

11.3.8 Italy
11.4.10 New Zealand
11.4.10.1 Market Estimates & Forecast, 2017-2023
11.4.10.2 Market Estimates & Forecast by Molecular Weight, 2017-2023
11.4.10.3 Market Estimates & Forecast by Grade, 2017-2023
11.4.10.4 Market Estimates & Forecast by Application, 2017-2023
11.4.10.5 Market Estimates & Forecast by End Use Industry, 2017-2023
11.4.11 Rest of Asia Pacific
11.4.11.1 Market Estimates & Forecast, 2017-2023
11.4.11.2 Market Estimates & Forecast by Molecular Weight, 2017-2023
11.4.11.3 Market Estimates & Forecast by Grade, 2017-2023
11.4.11.4 Market Estimates & Forecast by Application, 2017-2023
11.4.11.5 Market Estimates & Forecast by End Use Industry, 2017-2023
11.5 Middle East & Africa
11.5.1 Market Estimates & Forecast, 2017-2023
11.5.2 Market Estimates & Forecast by Molecular Weight, 2017-2023
11.5.3 Market Estimates & Forecast by Grade, 2017-2023
11.5.4 Market Estimates & Forecast by Application, 2017-2023
11.5.5 Market Estimates & Forecast by End Use Industry, 2017-2023
11.5.6 Turkey
11.5.6.1 Market Estimates & Forecast, 2017-2023
11.5.6.2 Market Estimates & Forecast by Molecular Weight, 2017-2023
11.5.6.3 Market Estimates & Forecast by Grade, 2017-2023
11.5.6.4 Market Estimates & Forecast by Application, 2017-2023
11.5.6.5 Market Estimates & Forecast by End Use Industry, 2017-2023
11.5.7 Israel
11.5.7.1 Market Estimates & Forecast, 2017-2023
11.5.7.2 Market Estimates & Forecast by Molecular Weight, 2017-2023
11.5.7.3 Market Estimates & Forecast by Grade, 2017-2023
11.5.7.4 Market Estimates & Forecast by Application, 2017-2023
11.5.7.5 Market Estimates & Forecast by End Use Industry, 2017-2023
11.5.8 North Africa
11.5.8.1 Market Estimates & Forecast, 2017-2023
11.5.8.2 Market Estimates & Forecast by Molecular Weight, 2017-2023
11.5.8.3 Market Estimates & Forecast by Grade, 2017-2023
11.5.8.4 Market Estimates & Forecast by Application, 2017-2023
11.5.8.5 Market Estimates & Forecast by End Use Industry, 2017-2023
11.5.9 GCC
11.5.9.1 Market Estimates & Forecast, 2017-2023
11.5.9.2 Market Estimates & Forecast by Molecular Weight, 2017-2023
11.5.9.3 Market Estimates & Forecast by Grade, 2017-2023
11.5.9.4 Market Estimates & Forecast by Application, 2017-2023
11.5.9.5 Market Estimates & Forecast by End Use Industry, 2017-2023
11.5.10 Rest of Middle East & Africa
11.5.10.1 Market Estimates & Forecast, 2017-2023
11.5.10.2 Market Estimates & Forecast by Molecular Weight, 2017-2023
11.5.10.3 Market Estimates & Forecast by Grade, 2017-2023
11.5.10.4 Market Estimates & Forecast by Application, 2017-2023
11.5.10.5 Market Estimates & Forecast by End Use Industry, 2017-2023
11.6 Latin America
11.6.1 Market Estimates & Forecast, 2017-2023
11.6.2 Market Estimates & Forecast by Molecular Weight, 2017-2023
11.6.3 Market Estimates & Forecast by Grade, 2017-2023
11.6.4 Market Estimates & Forecast by Application, 2017-2023
11.6.5 Market Estimates & Forecast by End Use Industry, 2017-2023
11.6.4 Brazil
11.6.4.1 Market Estimates & Forecast, 2017-2023
11.6.4.2 Market Estimates & Forecast by Molecular Weight, 2017-2023
11.6.4.3 Market Estimates & Forecast by Grade, 2017-2023
11.6.4.4 Market Estimates & Forecast by Application, 2017-2023
11.6.4.5 Market Estimates & Forecast by End Use Industry, 2017-2023
11.6.5 Argentina
11.6.5.1 Market Estimates & Forecast, 2017-2023
11.6.5.2 Market Estimates & Forecast by Molecular Weight, 2017-2023
11.6.5.3 Market Estimates & Forecast by Grade, 2017-2023
11.6.5.4 Market Estimates & Forecast by Application, 2017-2023
11.6.5.5 Market Estimates & Forecast by End Use Industry, 2017-2023
11.6.6 Rest of Latin America
11.6.6.1 Market Estimates & Forecast, 2017-2023
11.6.6.2 Market Estimates & Forecast by Molecular Weight, 2017-2023
11.6.6.3 Market Estimates & Forecast by Grade, 2017-2023
11.6.6.4 Market Estimates & Forecast by Application, 2017-2023
11.6.6.5 Market Estimates & Forecast by End Use Industry, 2017-2023

12. Company Landscape

13. Company Profiles

13.1 LANXESS
13.1.1 Company Overview
13.1.2 Product/Business Segment Overview
13.1.3 Financial Updates
13.1.4 Key Developments
13.2 BASF SE
13.2.1 Company Overview
13.2.2 Product/Business Segment Overview
13.2.3 Financial Updates
13.2.4 Key Developments
13.3 DAELIM
13.3.1 Company Overview
13.3.2 Product/Business Segment Overview
13.3.3 Financial Updates
13.3.4 Key Developments
13.4 TPC Group
13.4.1 Company Overview
13.4.2 Product/Business Segment Overview
13.4.3 Financial Updates
13.4.4 Key Developments
13.5 Exxon Mobil Corporation
13.5.1 Company Overview
13.5.2 Product/Business Segment Overview
13.5.3 Financial Updates
13.5.4 Key Developments
13.6 Lubrizol Corporation
13.6.1 Company Overview
13.6.2 Product/Business Segment Overview
13.6.3 Financial Updates
13.6.4 Key Developments
13.7 INEOS
13.7.1 Company Overview
13.7.2 Product/Business Segment Overview
13.7.3 Financial Updates
13.7.4 Key Developments
13.8 JXTZ Nippon Oil & Energy Corporation
13.8.1 Company Overview
13.8.2 Product/Business Segment Overview
13.8.3 Financial Updates
13.8.4 Key Developments
13.9 Infineum International Limited
13.9.1 Company Overview
13.9.2 Product/Business Segment Overview
13.9.3 Financial Updates
13.9.4 Key Developments
13.10 Chevron Oronite Company LLC.
13.10.1 Company Overview
13.10.2 Product/Business Segment Overview
13.10.3 Financial Updates
13.10.4 Key Developments

14 Conclusion

LIST OF TABLES
Table 1 World Population by Major Regions (2017 To 2030)
Table 2 Global Polyisobutylene Market: By Region, 2017-2023
Table 3 North America Polyisobutylene Market: By Country, 2017-2023
Table 4 Europe Polyisobutylene Market: By Country, 2017-2023
Table 5 Asia-Pacific Polyisobutylene Market: By Country, 2017-2023
Table 6 Middle East & Africa Polyisobutylene Market: By Country, 2017-2023
Table 7 Latin America Polyisobutylene Market: By Country, 2017-2023
Table 8 Global Polyisobutylene by Molecular Weight Market: By Regions, 2017-2023
Table 9 North America Polyisobutylene by Molecular Weight Market: By Country, 2017-2023
Table 10 Europe Polyisobutylene by Molecular Weight Market: By Country, 2017-2023
Table 11 Asia-Pacific Polyisobutylene by Molecular Weight Market: By Country, 2017-2023
Table 12 Middle East & Africa Polyisobutylene by Molecular Weight Market: By Country, 2017-2023
Table 13 Latin America Polyisobutylene by Molecular Weight Market: By Country, 2017-2023
Table 14 Global Polyisobutylene by Grade Market: By Regions, 2017-2023
Table 15 North America Polyisobutylene by Grade Market: By Country, 2017-2023
Table 16 Europe Polyisobutylene by Grade Market: By Country, 2017-2023
Table 17 Asia-Pacific Polyisobutylene by Grade Market: By Country, 2017-2023
Table 18 Middle East & Africa Polyisobutylene by Grade Market: By Country, 2017-2023
FIGURE 7 Sub segments of Molecular Weight
FIGURE 10 Global Polyisobutylene Market size by Molecular Weight, 2017
FIGURE 10 Share of Global Polyisobutylene Market by Molecular Weight, 2017 TO 2023
FIGURE 10 Global Polyisobutylene Market size by Grade, 2017
FIGURE 11 Share of Global Polyisobutylene Market by Grade, 2017 TO 2023
FIGURE 12 Global Polyisobutylene Market size by Application, 2017
FIGURE 13 Share of Global Polyisobutylene Market by Application, 2017 TO 2023
FIGURE 14 Global Polyisobutylene Market size by End Use Industry, 2017 TO 2023
FIGURE 15 Share of Global Polyisobutylene Market by End Use Industry, 2017 TO 2023