

# Isosorbide Market Size, Share & Trends Analysis Report By End Use (Resins & Polymers, Additives), By Application (PEIT, Polycarbonate), By Region, And Segment Forecasts, 2022 - 2030

<https://marketpublishers.com/r/IED686B1E80EN.html>

Date: October 2022

Pages: 153

Price: US\$ 5,950.00 (Single User License)

ID: IED686B1E80EN

## Abstracts

This report can be delivered to the clients within Immediate

### Isosorbide Market Growth & Trends

The global isosorbide market size is expected to reach USD 1.30 billion by 2030, as per the new report by Grand View Research, Inc., expanding at a CAGR of 9.1% from 2022 to 2030. The market is driven by favorable regulatory policies promoting the use of bio-based products, coupled with high consumer awareness regarding the toxicity of synthetic products.

The global market is established with major applications in bio-based thermoplastics products. The product derivatives are used in polymers, plasticizers, solvents, and medicines. Isosorbide dinitrate, one of the derivatives of the product, is widely consumed for angina medication. Continuous research and development activities in the industry are expected to enhance the polymer applications of the products.

The product is commercially available mainly in two grades, namely polymer grade and technical grade. Polymer grade is majorly consumed for polyethylene, polycarbonate, and polyurethane. Technical grade is classified as dimethyl isosorbide, isosorbide diester, isosorbide dinitrate, and isosorbide mononitrate. These derivatives of the product find major applications in the pharmaceutical and cosmetic and personal care sectors. PEIT emerged as the leading application segment in 2021 owing to the growing demand for bio-based PET.

Asia Pacific emerged as the largest market in 2021. Factors such as the availability of bio-feedstock, adoption of novel bio-based value chains, government policies, and business sustainability programs are expected to influence the demand for plant-based products in the region.

The dynamics of the global market are impacted by multiple factors such as increasing focus on a high-quality product depending on its applications in emerging markets and increasing legislation concerning the sustainability of chemicals. Moreover, sustainability has emerged as one of the prominent trends among manufacturers as it positively impacts their brand image among well-aware consumers across developed countries such as the U.S. and the UK.

### Isosorbide Market Report Highlights

Asia Pacific is expected to register the fastest CAGR in terms of revenue over the forecast period. This is attributed to the easy availability of raw materials, cheap labor, and the expansion of end-use industries such as pharmaceutical, personal care, nutraceutical, and cosmetics in the region

The additives end-use segment is expected to grow at the fastest rate of 10.2% in terms of revenue from 2022 to 2030. This is owing to the increasing demand for bio-based fuel additives, along with growing concerns over reducing the toxic impact of synthetic chemicals

In 2021, the resins and polymers end-use segment held the largest share of over 50.0% in terms of revenue. This is attributed to the increasing significance of the product in the bio-refining industry for the development of novel bio-based polymers and resins

In terms of revenue, the polyethylene isosorbide terephthalate (PEIT) application segment accounted for the largest share of over 25.0% in 2021. This is attributed to the mounting consumption of the product in thermoplastics and packaging applications such as hot fill containers, jars, and bottles

France-based Roquette Frères has been investing heavily in developing and commercializing the product on a large scale. The company has also tied up with Mitsubishi Chemicals to manufacture polycarbonate using isosorbide

## Contents

### CHAPTER 1 METHODOLOGY AND SCOPE

- 1.1 Market Segmentation & Scope
- 1.2 Market Definition
  - 1.2.1 Information analysis
  - 1.2.2 Market formulation & data visualization
  - 1.2.3 Data validation & publishing
- 1.3 Research scope and assumptions
  - 1.3.1 List of Data Sources
    - 1.3.1.1 Secondary Sources

### CHAPTER 2 EXECUTIVE SUMMARY

- 2.1 Market Snapshot
- 2.2 Segmental Outlook
- 2.3 Competitive Insights

### CHAPTER 3 ISOSORBIDE MARKET: VARIABLES, TRENDS & SCOPE

- 3.1 Market Lineage Outlook
- 3.2 Penetration & Growth Prospect Mapping
- 3.3 Industry Value Chain Analysis
  - 3.3.1 Raw Material Trends
  - 3.3.2 manufacturing/technology trends
- 3.4 Regulatory Frameworks
- 3.5 Impact of COVID-19
- 3.6 Price Trend Analysis
- 3.7 Market Dynamics
  - 3.7.1 Market Driver Analysis
    - 3.7.1.1 Rising demand for isosorbide as renewable building blocks
    - 3.7.1.2 Increasing consumption of isosorbide in various end-use industries
  - 3.7.2 Market Restraint Analysis
    - 3.7.2.1 Challenging production process of isosorbide
  - 3.7.3 Industry Challenges
  - 3.7.4 Market Opportunities
- 3.8 Business Environment Analysis: Isosorbide Market
  - 3.8.1 Industry Analysis - Porter's

### 3.8.2 PESTEL Analysis

## **CHAPTER 4 ISOSORBIDE MARKET: END-USE ESTIMATES & TREND ANALYSIS**

### 4.1 End-Use movement analysis & market share, 2021 & 2030 (USD Million)

#### 4.1.1 Resins & polymers

4.1.1.1 Isosorbide Market Estimates and Forecasts, by Resins & Polymers, 2018 - 2030 (Tons) (USD Million)

#### 4.1.2 Additives

4.1.2.1 Isosorbide Market Estimates and Forecasts, by Additives, 2018 - 2030 (Tons) (USD Million)

#### 4.1.3 Others

4.1.3.1 Isosorbide Market Estimates and Forecasts, by Others, 2018 - 2030 (Tons) (USD Million)

## **CHAPTER 5 ISOSORBIDE MARKET: APPLICATION ESTIMATES & TREND ANALYSIS**

### 5.1 Application movement analysis & market share, 2021 & 2030 (USD Million)

#### 5.1.1 Polyethylene Isosorbide Terephthalate (PEIT)

5.1.1.1 Isosorbide Market Estimates and Forecasts, by Polyethylene Isosorbide Terephthalate (PEIT), 2018 - 2030 (Tons) (USD Million)

#### 5.1.2 Polycarbonate

5.1.2.1 Isosorbide Market Estimates and Forecasts, by Polycarbonate, 2018 - 2030 (Tons) (USD Million)

#### 5.1.3 Polyurethane

5.1.3.1 Isosorbide Market Estimates and Forecasts, by Polyurethanes, 2018 - 2030 (Tons) (USD Million)

#### 5.1.4 Polyester Polyisosorbide Succinate (PIS)

5.1.4.1 Isosorbide Market Estimates and Forecasts, by Polyester Polyisosorbide Succinate (PIS), 2018 - 2030 (Tons) (USD Million)

#### 5.1.5 Isosorbide Diester

5.1.5.1 Isosorbide Market Estimates and Forecasts, by Isosorbide Diester, 2018 - 2030 (Tons) (USD Million)

#### 5.1.6 Others

5.1.6.1 Isosorbide Market Estimates and Forecasts, by Others, 2018 - 2030 (Tons) (USD Million)

## **CHAPTER 6 ISOSORBIDE MARKET: REGIONAL ESTIMATES & TREND ANALYSIS**

## 6.1 Regional movement analysis & market share, 2021 & 2030 (USD Million)

### 6.2 North America

6.2.1 North America isosorbide market estimates & forecasts, by End-Use, 2018 - 2030 (Tons)

6.2.2 North America isosorbide market estimates & forecasts, by End-Use, 2018 - 2030 (USD Million)

6.2.3 North America isosorbide market estimates & forecasts, by Application, 2018 - 2030 (Tons)

6.2.4 North America isosorbide market estimates & forecasts, by Application, 2018 - 2030, (USD Million)

#### 6.2.5. U.S.

6.2.5.1 U.S. isosorbide market estimates & forecasts, by End-Use, 2018 - 2030 (Tons)

6.2.5.2 U.S. isosorbide market estimates & forecasts, by End-Use, 2018 - 2030 (USD Million)

6.2.5.3 U.S. isosorbide market estimates & forecasts, by Application, 2018 - 2030 (Tons)

6.2.5.4 U.S. isosorbide market estimates & forecasts, by Application, 2018 - 2030 (USD Million)

### 6.3 Europe

6.3.1 Europe isosorbide market estimates & forecasts, by End-use, 2018-2020, (Tons) (USD Million)

6.3.2 Europe isosorbide market estimates & forecasts, by End-Use, 2018-2030, (USD Million)

6.3.3 Europe isosorbide market estimates & forecasts, by Application, 2018-2030, (Tons)

6.3.4 Europe isosorbide market estimates & forecasts, by Application, 2018-2030, (USD Million)

#### 6.3.5 U.K.

6.3.5.1 U.K. isosorbide market estimates & forecasts, by End-use, 2018 - 2030 (Tons)

6.3.5.2 U.K. isosorbide market estimates & forecasts, by End-use, 2018 - 2030 (USD Million)

6.3.5.3 U.K. isosorbide market estimates & forecasts, by Application, 2018 - 2030 (Tons)

6.3.5.4 U.K. isosorbide market estimates & forecasts, by Application, 2018 - 2030 (USD Million)

#### 6.3.6 Germany

6.3.6.1 Germany isosorbide market estimates & forecasts, by End-Use, 2018 - 2030 (Tons)

6.3.6.2 Germany isosorbide market estimates & forecasts, by End-Use, 2018 - 2030 (USD Million)

6.3.6.3 Germany isosorbide market estimates & forecasts, by Application, 2018 - 2030 (Tons)

6.3.6.4 Germany isosorbide market estimates & forecasts, by Application, 2018 - 2030 (USD Million)

6.3.7 France

6.3.7.1 France isosorbide market estimates & forecasts, by End-Use, 2018 - 2030 (Tons)

6.3.7.2 France isosorbide market estimates & forecasts, by End-Use, 2018 - 2030 (USD Million)

6.3.7.3 France isosorbide market estimates & forecasts, by Application, 2018 - 2030 (Tons)

6.3.7.4 France isosorbide market estimates & forecasts, by Application, 2018 - 2030 (USD Million)

6.4 Asia Pacific

6.4.1 Asia Pacific isosorbide market estimates & forecasts, by End-use, 2018-2020, (Tons)

6.4.2 Asia Pacific isosorbide market estimates & forecasts, by End-use, 2018-2020, (USD Million)

6.4.3 Asia Pacific isosorbide market estimates & forecasts, by Application, 2018-2020, (Tons)

6.4.4 Asia Pacific isosorbide market estimates & forecasts, by Application, 2018-2020, (USD Million)

6.4.5 India

6.4.5.1 India isosorbide market estimates & forecasts, by END-USE, 2018 - 2030 (Tons)

6.4.5.2 India isosorbide market estimates & forecasts, by END-USE, 2018 - 2030 (USD Million)

6.4.5.3 India isosorbide market estimates & forecasts, by application, 2018 - 2030 (Tons)

6.4.5.4 India isosorbide market estimates & forecasts, by application, 2018 - 2030 (USD Million)

6.4.6 China

6.4.6.1 China isosorbide market estimates & forecasts, by END-USE, 2018 - 2030 (Tons)

6.4.6.1 China isosorbide market estimates & forecasts, by END-USE, 2018 - 2030

(USD Million)

6.4.6.2 China isosorbide market estimates & forecasts, by application, 2018 - 2030

(Tons)

6.4.6.1 China isosorbide market estimates & forecasts, by application, 2018 - 2030

(USD Million)

6.4.7 Japan

6.4.7.1 Japan isosorbide market estimates & forecasts, by End-use, 2018 - 2030

(Tons)

6.4.7.1 Japan isosorbide market estimates & forecasts, by End-use, 2018 - 2030

(USD Million)

6.4.7.2 Japan isosorbide market estimates & forecasts, by application, 2018 - 2030

(Tons)

6.4.7.1 Japan isosorbide market estimates & forecasts, by application, 2018 - 2030

(USD Million)

6.5 Central & South America

6.5.1 Central & South America isosorbide market estimates & forecasts, by End-Use, 2018 - 2030 (Tons)

6.5.2 Central & South America isosorbide market estimates & forecasts, by End-Use, 2018 - 2030 (USD Million)

6.5.3 Central & South America isosorbide market estimates & forecasts, by Application, 2018 - 2030 (Tons)

6.5.4 Central & South America isosorbide market estimates & forecasts, by Application, 2018 - 2030 (USD Million)

6.6 Middle East & Africa

6.6.1 Middle East & Africa isosorbide market estimates & forecasts, by End-Use, 2018 - 2030 (Tons)

6.6.2 Middle East & Africa isosorbide market estimates & forecasts, by End-Use, 2018 - 2030 (USD Million)

6.6.3 Middle East & Africa isosorbide market estimates & forecasts, by Application, 2018 - 2030 (Tons)

6.6.4 Middle East & Africa isosorbide market estimates & forecasts, by Application, 2018 - 2030 (USD Million)

## **CHAPTER 7 COMPETITIVE LANDSCAPE**

7.1 Company Market Positioning

7.2 Vendor Landscape

7.2.1 List of key vendors

7.3 Competitive Environment

## 7.4 Strategy Framework

### **CHAPTER 8 ISOSORBIDE MARKET: COMPANY PROFILE**

#### 8.1 J&K Scientific Ltd.

- 8.1.1 Company Overview
- 8.1.2 Financial Performance
- 8.1.3 Product Benchmarking

#### 8.2 Jinan Hongbiaofeng Industry & Trade Co., Ltd.

- 8.2.1 Company Overview
- 8.2.2 Financial Performance
- 8.2.3 Product Benchmarking

#### 8.3 Novaphene

- 8.3.1 Company Overview
- 8.3.2 Financial Performance
- 8.3.3 Product Benchmarking

#### 8.4 Roquette Freres

- 8.4.1 Company Overview
- 8.4.2 Financial Performance
- 8.4.3 Product Benchmarking

#### 8.5 MANUS AKTTEVA BIOPHARMA LLP

- 8.5.1 Company Overview
- 8.5.2 Financial Performance
- 8.5.3 Product Benchmarking?



## List Of Tables

### LIST OF TABLES

Table 1 Isosorbide Market Estimates and Forecasts, by Resins & Polymers, 2018 - 2030 (Tons) (USD Million)

Table 2 Isosorbide Market Estimates and Forecasts, by Additives, 2018 - 2030 (Tons) (USD Million)

Table 3 Isosorbide Market Estimates and Forecasts, by Others, 2018 - 2030 (Tons) (USD Million)

Table 4 Isosorbide Market Estimates and Forecasts, by Polyethylene Isosorbide Terephthalate, 2018 - 2030 (Tons) (USD Million)

Table 5 Isosorbide Market Estimates and Forecasts, by Polycarbonate, 2018 - 2030 (Tons) (USD Million)

Table 6 Isosorbide Market Estimates and Forecasts, by Polyurethanes, 2018 - 2030 (Tons) (USD Million)

Table 7 Isosorbide Market Estimates and Forecasts, by Polyester Polyisosorbide Succinate (PIS), 2018 - 2030 (Tons) (USD Million)

Table 8 Isosorbide Market Estimates and Forecasts, by Isosorbide Diester, 2018 - 2030 (Tons) (USD Million)

Table 9 Isosorbide Market Estimates and Forecasts, by Others, 2018 - 2030 (Tons) (USD Million)

Table 10 North America isosorbide market estimates & forecasts, by End-Use, 2018 - 2030 (Tons)

Table 11 North America isosorbide market estimates & forecasts, by End-Use, 2018 - 2030 (USD Million)

Table 12 North America isosorbide market estimates & forecasts, by Application, 2018 - 2030 (Tons)

Table 13 North America isosorbide market estimates & forecasts, by Application, 2018 - 2030 (USD Million)

Table 14 U.S. Isosorbide Market Estimates & Forecasts, by End-Use, 2018 - 2030 (Tons)

Table 15 U.S. isosorbide market estimates & forecasts, by End-Use, 2018 - 2030 (USD Million)

Table 16 U.S. isosorbide market estimates & forecasts, by Application, 2018 - 2030 (Tons)

Table 17 U.S. isosorbide market estimates & forecasts, by Application, 2018 - 2030 (USD Million)

Table 18 Europe isosorbide market volume estimates & forecasts, by end-use, 2018 -

2020 (Tons)

Table 19 Europe Isosorbide market revenue estimates & forecasts, by end-use, 2018 - 2020 (USD Million)

Table 20 Europe isosorbide market volume estimates & forecasts, by application, 2018 - 2030 (Tons) Application

Table 21 Europe isosorbide market revenue estimates & forecasts, by application, 2018 - 2020 (USD Million) Application

Table 22 U.K. isosorbide market estimates & forecasts, by End-use, 2018 - 2030 (Tons)

Table 23 U.K. isosorbide market estimates & forecasts, by End-use, 2018 - 2030 (USD Million)

Table 24 U.K. isosorbide market estimates & forecasts, by Application, 2018 - 2030 (Tons)

Table 25 U.K. isosorbide market estimates & forecasts, by Application, 2018 - 2030 (USD Million)

Table 26 Germany isosorbide market estimates & forecasts, by End-use, 2018 - 2030 (Tons)

Table 27 Germany isosorbide market estimates & forecasts, by End-use, 2018 - 2030 (USD Million)

Table 28 Germany isosorbide market estimates & forecasts, by Application, 2018 - 2030 (Tons)

Table 29 Germany isosorbide market estimates & forecasts, by Application, 2018 - 2030 (USD Million)

Table 30 France isosorbide market estimates & forecasts, by End-use, 2018 - 2030 (Tons)

Table 31 France isosorbide market estimates & forecasts, by End-use, 2018 - 2030 (USD Million)

Table 32 France isosorbide market estimates & forecasts, by Application, 2018 - 2030 (Tons)

Table 33 France isosorbide market estimates & forecasts, by Application, 2018 - 2030 (USD Million)

Table 34 Asia Pacific isosorbide market volume estimates & forecasts, by end-use, 2018 - 2020 (Tons)

Table 35 Asia Pacific Isosorbide market revenue estimates & forecasts, by end-use, 2018 - 2020 (USD Million)

Table 36 Asia Pacific isosorbide market volume estimates & forecasts, by application, 2018 - 2020 (Tons)

Table 37 Asia Pacific isosorbide market revenue estimates & forecasts, by application, 2018 - 2020 (USD Million)

Table 38 India Isosorbide Market Estimates & Forecasts, by End-use, 2018 - 2030

(Tons)

Table 39 India Isosorbide Market Estimates & Forecasts, by End-use, 2018 - 2030

(USD Million)

Table 40 India Isosorbide Market Estimates & Forecasts, by Application, 2018 - 2030

(Tons)

Table 41 India Isosorbide Market Estimates & Forecasts, by Application, 2018 - 2030

(USD Million)

Table 42 China Isosorbide Market Estimates & Forecasts, by End-use, 2018 - 2030

(Tons)

Table 43 China Isosorbide Market Estimates & Forecasts, by End-use, 2018 - 2030

(USD Million)

Table 44 China Isosorbide Market Estimates & Forecasts, by Application, 2018 - 2030

(Tons)

Table 45 China Isosorbide Market Estimates & Forecasts, by Application, 2018 - 2030

(USD Million)

Table 46 Japan Isosorbide Market Estimates & Forecasts, by End-use, 2018 - 2030

(Tons)

Table 47 Japan Isosorbide Market Estimates & Forecasts, by End-use, 2018 - 2030

(USD Million)

Table 48 Japan Isosorbide Market Estimates & Forecasts, by Application, 2018 - 2030

(Tons)

Table 49 Japan Isosorbide Market Estimates & Forecasts, by Application, 2018 - 2030

(USD Million)

Table 50 Central & South America isosorbide market estimates & forecasts, by End-Use, 2018 - 2030 (Tons)

Table 51 Central & South America isosorbide market estimates & forecasts, by End-Use, 2018 - 2030 (USD Million)

Table 52 Central & South America isosorbide market estimates & forecasts, by Application, 2018 - 2030 (Tons)

Table 53 Central & South America isosorbide market estimates & forecasts, by Application, 2018 - 2030 (USD Million)

Table 54 Middle East & Africa isosorbide market estimates & forecasts, by End-Use, 2018 - 2030 (Tons)

Table 55 Middle East & Africa isosorbide market estimates & forecasts, by End-Use, 2018 - 2030 (USD Million)

Table 56 Middle East & Africa isosorbide market estimates & forecasts, by Application, 2018 - 2030 (Tons)

Table 57 Middle East & Africa isosorbide market estimates & forecasts, by Application, 2018 - 2030 (USD Million)

## List Of Figures

### LIST OF FIGURES

- Fig. 1 Isosorbide Market Segmentation & Scope
- Fig. 2 Data analysis models
- Fig. 3 Market formulation and validation
- Fig. 4 Data validating & publishing
- Fig. 5 Isosorbide market snapshot
- Fig. 6 Isosorbide market estimates and forecasts, by application, 2021 (USD Million)
- Fig. 7 Isosorbide market estimates and forecasts, by end-use, 2021 (USD Million)
- Fig. 8 Isosorbide market, 2018 - 2030 (Tons) (USD Million)
- Fig. 9 Isosorbide market: Value chain analysis
- Fig. 10 Isosorbide market - Price trend analysis - 2018 - 2030 (USD/Kg)
- Fig. 11 Global Bioplastic Production Capacity, by Type, 2019 - 2021 (Thousand Tons)
- Fig. 12 Isosorbide Market: Porter's Analysis
- Fig. 13 Isosorbide Market: PESTEL Analysis
- Fig. 14 Isosorbide market revenue share, by end-use, 2021 & 2030 (USD Million)
- Fig. 15 Isosorbide market share, by application, 2021 & 2030 (USD Million)
- Fig. 16 Isosorbide market revenue share, by region, 2021 & 2030 (USD Million)
- Fig. 17 Company Market Positioning
- Fig. 18 Isosorbide Market - Strategy Framework

## I would like to order

Product name: Isosorbide Market Size, Share & Trends Analysis Report By End Use (Resins & Polymers, Additives), By Application (PEIT, Polycarbonate), By Region, And Segment Forecasts, 2022 - 2030

Product link: <https://marketpublishers.com/r/IED686B1E80EN.html>

Price: US\$ 5,950.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

[info@marketpublishers.com](mailto:info@marketpublishers.com)

## Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/IED686B1E80EN.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