

# Medical Polymers Market: Global Industry Trends, Share, Size, Growth, Opportunity and Forecast 2023-2028

<https://marketpublishers.com/r/M675D9D93EADEN.html>

Date: November 2023

Pages: 138

Price: US\$ 2,499.00 (Single User License)

ID: M675D9D93EADEN

## Abstracts

The global medical polymers market size reached US\$ 20.4 Billion in 2022. Looking forward, IMARC Group expects the market to reach US\$ 31.3 Billion by 2028, exhibiting a growth rate (CAGR) of 7.4% during 2022-2028.

Medical polymers comprise bulk materials, coatings, and pharmaceutical nano-carriers used for making drugs in regenerative medicine and tissue engineering. They offer versatility, strength, flexibility, biodegradability, biocompatibility, sterilization stability, and fatigue, heat, and electrical resistance. Several manufacturers are currently proving different types of medical polymers with adjusted molecular weight, crosslinking and crystallization degrees, copolymers and blends, and additional bioactive surface functionalization. Moreover, the growing demand for new and innovative medical devices is escalating the need for medical polymers worldwide to support device development and sustainability.

**Medical Polymers Market Trends:**

The rising need for swabs, medical devices, disposable masks, and personal protective equipment (PPE) to diagnose and treat individuals with coronavirus disease (COVID-19) represents one of the key factors impelling the demand for medical polymers. Apart from this, the increasing prevalence of infectious, chronic, cardiovascular, and other chronic diseases is propelling the adoption of advanced medical devices, which, in turn, is contributing to the market growth. Additionally, governments of numerous countries are financing medical research and development (R&D) projects to improve healthcare infrastructure. Besides this, the increasing need for organ transplantation due to the growing geriatric population and escalating number of accidents is driving the market. Furthermore, the emerging trend of medical tourism and the increasing popularity of home healthcare services are promoting the market growth. The leading market players are also focusing on introducing new and

sophisticated biopolymers, which is projected to enhance the application of medical polymers in orthopedic stabilizing materials and vascular stents.

**Key Market Segmentation:**

IMARC Group provides an analysis of the key trends in each sub-segment of the global medical polymers market report, along with forecasts at the global, regional and country level from 2023-2028. Our report has categorized the market based on product type and application.

**Breakup by Product Type:**

Medical Resins and Fibers

Polyvinyl Chloride

Polypropylene

Polyethylene

Polystyrene

Others

Medical Elastomers

Styrene Block Copolymer

Rubber Latex

Others

Biodegradable Plastics

**Breakup by Application:**

Medical Equipment and Devices

Medical Packaging

Others

**Breakup by Region:**

North America

United States

Canada

Asia-Pacific

China

Japan

India

South Korea

Australia

Indonesia

Others

Europe

Germany

France

United Kingdom

Italy

Spain

Russia

Others

Latin America

Brazil

Mexico

Others

Middle East and Africa

Competitive Landscape:

The competitive landscape of the industry has also been examined along with the profiles of the key players being BASF SE, Celanese Corporation, Covestro AG, DuPont, Eastman Chemical Company, Evonik Industries AG, Exxon Mobil Corporation, Huizhou Foryou Medical Device Co. Ltd., Kraton Corporation and Solvay S.A.

Key Questions Answered in This Report:

How has the global medical polymers market performed so far and how will it perform in the coming years?

What has been the impact of COVID-19 on the global medical polymers market?

What are the key regional markets?

What is the breakup of the market based on the product type?

What is the breakup of the market based on the application?

What are the various stages in the value chain of the industry?

What are the key driving factors and challenges in the industry?

What is the structure of the global medical polymers market and who are the key players?

What is the degree of competition in the industry?

## 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 Key Industry Trends

### **5 GLOBAL MEDICAL POLYMERS MARKET**

- 5.1 Market Overview
- 5.2 Market Performance
- 5.3 Impact of COVID-19
- 5.4 Market Forecast

### **6 MARKET BREAKUP BY PRODUCT TYPE**

- 6.1 Medical Resins and Fibers
  - 6.1.1 Market Trends
  - 6.1.2 Key Segments
    - 6.1.2.1 Polyvinyl Chloride
    - 6.1.2.2 Polypropylene

- 6.1.2.3 Polyethylene
- 6.1.2.4 Polystyrene
- 6.1.2.5 Others
- 6.1.3 Market Forecast
- 6.2 Medical Elastomers
  - 6.2.1 Market Trends
  - 6.2.2 Key Segments
    - 6.2.2.1 Styrene Block Copolymer
    - 6.2.2.2 Rubber Latex
    - 6.2.2.3 Others
  - 6.2.3 Market Forecast
- 6.3 Biodegradable Plastics
  - 6.3.1 Market Trends
  - 6.3.2 Market Forecast

## **7 MARKET BREAKUP BY APPLICATION**

- 7.1 Medical Equipment and Devices
  - 7.1.1 Market Trends
  - 7.1.2 Market Forecast
- 7.2 Medical Packaging
  - 7.2.1 Market Trends
  - 7.2.2 Market Forecast
- 7.3 Others
  - 7.3.1 Market Trends
  - 7.3.2 Market Forecast

## **8 MARKET BREAKUP BY REGION**

- 8.1 North America
  - 8.1.1 United States
    - 8.1.1.1 Market Trends
    - 8.1.1.2 Market Forecast
  - 8.1.2 Canada
    - 8.1.2.1 Market Trends
    - 8.1.2.2 Market Forecast
- 8.2 Asia-Pacific
  - 8.2.1 China
    - 8.2.1.1 Market Trends

- 8.2.1.2 Market Forecast
- 8.2.2 Japan
  - 8.2.2.1 Market Trends
  - 8.2.2.2 Market Forecast
- 8.2.3 India
  - 8.2.3.1 Market Trends
  - 8.2.3.2 Market Forecast
- 8.2.4 South Korea
  - 8.2.4.1 Market Trends
  - 8.2.4.2 Market Forecast
- 8.2.5 Australia
  - 8.2.5.1 Market Trends
  - 8.2.5.2 Market Forecast
- 8.2.6 Indonesia
  - 8.2.6.1 Market Trends
  - 8.2.6.2 Market Forecast
- 8.2.7 Others
  - 8.2.7.1 Market Trends
  - 8.2.7.2 Market Forecast
- 8.3 Europe
  - 8.3.1 Germany
    - 8.3.1.1 Market Trends
    - 8.3.1.2 Market Forecast
  - 8.3.2 France
    - 8.3.2.1 Market Trends
    - 8.3.2.2 Market Forecast
  - 8.3.3 United Kingdom
    - 8.3.3.1 Market Trends
    - 8.3.3.2 Market Forecast
  - 8.3.4 Italy
    - 8.3.4.1 Market Trends
    - 8.3.4.2 Market Forecast
  - 8.3.5 Spain
    - 8.3.5.1 Market Trends
    - 8.3.5.2 Market Forecast
  - 8.3.6 Russia
    - 8.3.6.1 Market Trends
    - 8.3.6.2 Market Forecast
  - 8.3.7 Others

8.3.7.1 Market Trends

8.3.7.2 Market Forecast

8.4 Latin America

8.4.1 Brazil

8.4.1.1 Market Trends

8.4.1.2 Market Forecast

8.4.2 Mexico

8.4.2.1 Market Trends

8.4.2.2 Market Forecast

8.4.3 Others

8.4.3.1 Market Trends

8.4.3.2 Market Forecast

8.5 Middle East and Africa

8.5.1 Market Trends

8.5.2 Market Breakup by Country

8.5.3 Market Forecast

## **9 SWOT ANALYSIS**

9.1 Overview

9.2 Strengths

9.3 Weaknesses

9.4 Opportunities

9.5 Threats

## **10 VALUE CHAIN ANALYSIS**

## **11 PORTERS FIVE FORCES ANALYSIS**

11.1 Overview

11.2 Bargaining Power of Buyers

11.3 Bargaining Power of Suppliers

11.4 Degree of Competition

11.5 Threat of New Entrants

11.6 Threat of Substitutes

## **12 PRICE ANALYSIS**

## **13 COMPETITIVE LANDSCAPE**

### 13.1 Market Structure

### 13.2 Key Players

### 13.3 Profiles of Key Players

#### 13.3.1 BASF SE

##### 13.3.1.1 Company Overview

##### 13.3.1.2 Product Portfolio

##### 13.3.1.3 Financials

##### 13.3.1.4 SWOT Analysis

#### 13.3.2 Celanese Corporation

##### 13.3.2.1 Company Overview

##### 13.3.2.2 Product Portfolio

##### 13.3.2.3 Financials

##### 13.3.2.4 SWOT Analysis

#### 13.3.3 Covestro AG

##### 13.3.3.1 Company Overview

##### 13.3.3.2 Product Portfolio

##### 13.3.3.3 Financials

#### 13.3.4 DuPont

##### 13.3.4.1 Company Overview

##### 13.3.4.2 Product Portfolio

##### 13.3.4.3 Financials

##### 13.3.4.4 SWOT Analysis

#### 13.3.5 Eastman Chemical Company

##### 13.3.5.1 Company Overview

##### 13.3.5.2 Product Portfolio

##### 13.3.5.3 Financials

##### 13.3.5.4 SWOT Analysis

#### 13.3.6 Evonik Industries AG

##### 13.3.6.1 Company Overview

##### 13.3.6.2 Product Portfolio

##### 13.3.6.3 Financials

##### 13.3.6.4 SWOT Analysis

#### 13.3.7 Exxon Mobil Corporation

##### 13.3.7.1 Company Overview

##### 13.3.7.2 Product Portfolio

##### 13.3.7.3 Financials



- 13.3.7.4 SWOT Analysis
- 13.3.8 Huizhou Foryou Medical Device Co. Ltd.
  - 13.3.8.1 Company Overview
  - 13.3.8.2 Product Portfolio
- 13.3.9 Kraton Corporation
  - 13.3.9.1 Company Overview
  - 13.3.9.2 Product Portfolio
  - 13.3.9.3 Financials
- 13.3.10 Solvay S.A.
  - 13.3.10.1 Company Overview
  - 13.3.10.2 Product Portfolio
  - 13.3.10.3 Financials
  - 13.3.10.4 SWOT Analysis

## List Of Tables

### LIST OF TABLES

Table 1: Global: Medical Polymers Market: Key Industry Highlights, 2022 and 2028

Table 2: Global: Medical Polymers Market Forecast: Breakup by Product Type (in Million US\$), 2023-2028

Table 3: Global: Medical Polymers Market Forecast: Breakup by Application (in Million US\$), 2023-2028

Table 4: Global: Medical Polymers Market Forecast: Breakup by Region (in Million US\$), 2023-2028

Table 5: Global: Medical Polymers Market: Competitive Structure

Table 6: Global: Medical Polymers Market: Key Players

## List Of Figures

### LIST OF FIGURES

Figure 1: Global: Medical Polymers Market: Major Drivers and Challenges

Figure 2: Global: Medical Polymers Market: Sales Value (in Billion US\$), 2017-2022

Figure 3: Global: Medical Polymers Market Forecast: Sales Value (in Billion US\$), 2023-2028

Figure 4: Global: Medical Polymers Market: Breakup by Product Type (in %), 2022

Figure 5: Global: Medical Polymers Market: Breakup by Application (in %), 2022

Figure 6: Global: Medical Polymers Market: Breakup by Region (in %), 2022

Figure 7: Global: Medical Polymers (Medical Resins and Fibers) Market: Sales Value (in Million US\$), 2017 & 2022

Figure 8: Global: Medical Polymers (Medical Resins and Fibers) Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 9: Global: Medical Polymers (Medical Elastomers) Market: Sales Value (in Million US\$), 2017 & 2022

Figure 10: Global: Medical Polymers (Medical Elastomers) Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 11: Global: Medical Polymers (Biodegradable Plastics) Market: Sales Value (in Million US\$), 2017 & 2022

Figure 12: Global: Medical Polymers (Biodegradable Plastics) Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 13: Global: Medical Polymers (Medical Equipment and Devices) Market: Sales Value (in Million US\$), 2017 & 2022

Figure 14: Global: Medical Polymers (Medical Equipment and Devices) Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 15: Global: Medical Polymers (Medical Packaging) Market: Sales Value (in Million US\$), 2017 & 2022

Figure 16: Global: Medical Polymers (Medical Packaging) Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 17: Global: Medical Polymers (Other Applications) Market: Sales Value (in Million US\$), 2017 & 2022

Figure 18: Global: Medical Polymers (Other Applications) Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 19: North America: Medical Polymers Market: Sales Value (in Million US\$), 2017 & 2022

Figure 20: North America: Medical Polymers Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 21: United States: Medical Polymers Market: Sales Value (in Million US\$), 2017 & 2022

Figure 22: United States: Medical Polymers Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 23: Canada: Medical Polymers Market: Sales Value (in Million US\$), 2017 & 2022

Figure 24: Canada: Medical Polymers Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 25: Asia-Pacific: Medical Polymers Market: Sales Value (in Million US\$), 2017 & 2022

Figure 26: Asia-Pacific: Medical Polymers Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 27: China: Medical Polymers Market: Sales Value (in Million US\$), 2017 & 2022

Figure 28: China: Medical Polymers Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 29: Japan: Medical Polymers Market: Sales Value (in Million US\$), 2017 & 2022

Figure 30: Japan: Medical Polymers Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 31: India: Medical Polymers Market: Sales Value (in Million US\$), 2017 & 2022

Figure 32: India: Medical Polymers Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 33: South Korea: Medical Polymers Market: Sales Value (in Million US\$), 2017 & 2022

Figure 34: South Korea: Medical Polymers Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 35: Australia: Medical Polymers Market: Sales Value (in Million US\$), 2017 & 2022

Figure 36: Australia: Medical Polymers Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 37: Indonesia: Medical Polymers Market: Sales Value (in Million US\$), 2017 & 2022

Figure 38: Indonesia: Medical Polymers Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 39: Others: Medical Polymers Market: Sales Value (in Million US\$), 2017 & 2022

Figure 40: Others: Medical Polymers Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 41: Europe: Medical Polymers Market: Sales Value (in Million US\$), 2017 & 2022

Figure 42: Europe: Medical Polymers Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 43: Germany: Medical Polymers Market: Sales Value (in Million US\$), 2017 & 2022

Figure 44: Germany: Medical Polymers Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 45: France: Medical Polymers Market: Sales Value (in Million US\$), 2017 & 2022

Figure 46: France: Medical Polymers Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 47: United Kingdom: Medical Polymers Market: Sales Value (in Million US\$), 2017 & 2022

Figure 48: United Kingdom: Medical Polymers Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 49: Italy: Medical Polymers Market: Sales Value (in Million US\$), 2017 & 2022

Figure 50: Italy: Medical Polymers Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 51: Spain: Medical Polymers Market: Sales Value (in Million US\$), 2017 & 2022

Figure 52: Spain: Medical Polymers Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 53: Russia: Medical Polymers Market: Sales Value (in Million US\$), 2017 & 2022

Figure 54: Russia: Medical Polymers Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 55: Others: Medical Polymers Market: Sales Value (in Million US\$), 2017 & 2022

Figure 56: Others: Medical Polymers Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 57: Latin America: Medical Polymers Market: Sales Value (in Million US\$), 2017 & 2022

Figure 58: Latin America: Medical Polymers Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 59: Brazil: Medical Polymers Market: Sales Value (in Million US\$), 2017 & 2022

Figure 60: Brazil: Medical Polymers Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 61: Mexico: Medical Polymers Market: Sales Value (in Million US\$), 2017 & 2022

Figure 62: Mexico: Medical Polymers Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 63: Others: Medical Polymers Market: Sales Value (in Million US\$), 2017 & 2022

Figure 64: Others: Medical Polymers Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 65: Middle East and Africa: Medical Polymers Market: Sales Value (in Million US\$), 2017 & 2022

Figure 66: Middle East and Africa: Medical Polymers Market: Breakup by Country (in

%), 2022

Figure 67: Middle East and Africa: Medical Polymers Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 68: Global: Medical Polymers Industry: SWOT Analysis

Figure 69: Global: Medical Polymers Industry: Value Chain Analysis

Figure 70: Global: Medical Polymers Industry: Porter's Five Forces Analysis

## I would like to order

Product name: Medical Polymers Market: Global Industry Trends, Share, Size, Growth, Opportunity and Forecast 2023-2028

Product link: <https://marketpublishers.com/r/M675D9D93EADEN.html>

Price: US\$ 2,499.00 (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/M675D9D93EADEN.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

