

Global Medical Elastomers Market Size Study by Type (Thermoset Elastomers, Thermoplastic Elastomers), Applications (Medical Tubing, Catheters, Syringes, Gloves, Medical & Infusion Bags, Implants), End Use Industry, and Regional Forecasts 2022-2032

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Abstracts

The Global Medical Elastomers Market is estimated to be valued at approximately USD 8.84 billion in 2023 and is anticipated to experience a robust compound annual growth rate (CAGR) of 8.30% during the forecast period from 2024 to 2032. Medical elastomers, known for their exceptional flexibility, durability, and biocompatibility, have emerged as indispensable materials across various healthcare applications, including tubing, catheters, gloves, and implants. The market growth is propelled by the increasing demand for advanced medical devices, alongside stringent healthcare standards mandating the use of high-performance materials.

The ongoing advancements in thermoplastic and thermoset elastomers have led to the development of innovative formulations that cater to the dynamic needs of the medical sector. These elastomers are preferred due to their ability to provide superior mechanical strength, chemical resistance, and processability. Additionally, the rising prevalence of chronic diseases and an aging population have significantly driven the demand for medical devices, further boosting the adoption of medical elastomers.

The growth trajectory of the Medical Elastomers Market is underpinned by several pivotal factors. The increasing adoption of minimally invasive procedures, coupled with the rising awareness of healthcare hygiene, has augmented the demand for products like gloves, syringes, and infusion bags. Moreover, the trend toward sustainable and recyclable elastomer solutions is reshaping the market dynamics. However, challenges such as high production costs and stringent regulatory frameworks may pose hurdles to

market expansion.

From a regional perspective, North America dominates the Medical Elastomers Market, driven by a well-established healthcare infrastructure, extensive R&D activities, and the presence of key market players. Europe follows closely, benefiting from robust government initiatives aimed at enhancing healthcare services. Meanwhile, the Asia-Pacific region is expected to witness the fastest growth, fueled by rapid industrialization, increasing healthcare expenditure, and the rising demand for medical devices in emerging economies such as China and India.

Major market players included in this report are:

BASF SE

Dow Inc.

DuPont de Nemours, Inc.

ExxonMobil Corporation

Arkema Group

Covestro AG

Eastman Chemical Company

Kraton Corporation

Trelleborg AB

Celanese Corporation

Teknor Apex Company

Hexpol AB

Wacker Chemie AG

RTP Company

PolyOne Corporation

The detailed segments and sub-segments of the market are explained below:

By Type:

Thermoset Elastomers

Thermoplastic Elastomers

By Applications:

Medical Tubing

Catheters

Syringes

Gloves

Medical & Infusion Bags

Implants

By End Use Industry:

Hospitals

Clinics

Ambulatory Surgical Centers

By Region:

North America

U.S.

Canada

Europe

UK

Germany

France

Spain

Italy

Rest of Europe

Asia Pacific

China

India

Japan

Australia

South Korea

Rest of Asia Pacific

Latin America

Brazil

Mexico

Rest of Latin America

Middle East & Africa

Saudi Arabia

South Africa

Rest of Middle East & Africa

Key Takeaways:

Market estimates and forecasts for 10 years from 2022 to 2032.

Annualized revenues and regional-level analysis for each market segment.

Detailed analysis of the geographical landscape with country-level insights.

Competitive landscape with information on major players in the market.

Analysis of key business strategies and recommendations on future market approaches.

Comprehensive evaluation of competitive structures and market dynamics.

Demand-side and supply-side analysis of the market.

Contents

CHAPTER 1. GLOBAL MEDICAL ELASTOMERS MARKET EXECUTIVE SUMMARY

- 1.1. Global Medical Elastomers Market Size & Forecast (2022-2032)
- 1.2. Regional Summary
- 1.3. Segmental Summary
 - 1.3.1. By Type
 - 1.3.1.1. Thermoset Elastomers
 - 1.3.1.2. Thermoplastic Elastomers
 - 1.3.2. By Applications
 - 1.3.2.1. Medical Tubing
 - 1.3.2.2. Catheters
 - 1.3.2.3. Syringes
 - 1.3.2.4. Gloves
 - 1.3.2.5. Medical & Infusion Bags
 - 1.3.2.6. Implants
 - 1.3.3. By End Use Industry
 - 1.3.3.1. Hospitals
 - 1.3.3.2. Clinics
 - 1.3.3.3. Ambulatory Surgical Centers
- 1.4. Key Trends
- 1.5. Recession Impact
- 1.6. Analyst Recommendation & Conclusion

CHAPTER 2. GLOBAL MEDICAL ELASTOMERS MARKET DEFINITION AND RESEARCH ASSUMPTIONS

- 2.1. Research Objective
- 2.2. Market Definition
- 2.3. Research Assumptions
 - 2.3.1. Inclusion & Exclusion
 - 2.3.2. Limitations
 - 2.3.3. Supply Side Analysis
 - 2.3.3.1. Availability
 - 2.3.3.2. Infrastructure
 - 2.3.3.3. Regulatory Environment
 - 2.3.3.4. Market Competition
 - 2.3.3.5. Economic Viability (Consumer's Perspective)

- 2.3.4. Demand Side Analysis
 - 2.3.4.1. Regulatory Frameworks
 - 2.3.4.2. Technological Advancements
 - 2.3.4.3. Environmental Considerations
 - 2.3.4.4. Consumer Awareness & Acceptance
- 2.4. Estimation Methodology
- 2.5. Years Considered for the Study
- 2.6. Currency Conversion Rates

CHAPTER 3. GLOBAL MEDICAL ELASTOMERS MARKET DYNAMICS

- 3.1. Market Drivers
 - 3.1.1. Increasing Demand in Key Applications
 - 3.1.2. Technological Advancements in Elastomer Development
 - 3.1.3. Regulatory Support for High-Performance Materials
- 3.2. Market Challenges
 - 3.2.1. High Production Costs
 - 3.2.2. Stringent Regulatory Frameworks
- 3.3. Market Opportunities
 - 3.3.1. Expansion in Emerging Markets
 - 3.3.2. Innovation in Sustainable Elastomer Solutions
 - 3.3.3. Growing Applications in Advanced Medical Devices

CHAPTER 4. GLOBAL MEDICAL ELASTOMERS MARKET INDUSTRY ANALYSIS

- 4.1. Porter's 5 Force Model
 - 4.1.1. Bargaining Power of Suppliers
 - 4.1.2. Bargaining Power of Buyers
 - 4.1.3. Threat of New Entrants
 - 4.1.4. Threat of Substitutes
 - 4.1.5. Competitive Rivalry
 - 4.1.6. Futuristic Approach to Porter's 5 Force Model
 - 4.1.7. Porter's 5 Force Impact Analysis
- 4.2. PESTEL Analysis
 - 4.2.1. Political
 - 4.2.2. Economical
 - 4.2.3. Social
 - 4.2.4. Technological
 - 4.2.5. Environmental

- 4.2.6. Legal
- 4.3. Top Investment Opportunities
- 4.4. Top Winning Strategies
- 4.5. Disruptive Trends
- 4.6. Industry Expert Perspective
- 4.7. Analyst Recommendation & Conclusion

CHAPTER 5. GLOBAL MEDICAL ELASTOMERS MARKET SIZE & FORECASTS BY TYPE 2022-2032

- 5.1. Segment Dashboard
- 5.2. Global Medical Elastomers Market: Type Revenue Trend Analysis, 2022 & 2032 (USD Million/Billion)
 - 5.2.1. Thermoset Elastomers
 - 5.2.2. Thermoplastic Elastomers

CHAPTER 6. GLOBAL MEDICAL ELASTOMERS MARKET SIZE & FORECASTS BY APPLICATIONS 2022-2032

- 6.1. Segment Dashboard
- 6.2. Global Medical Elastomers Market: Applications Revenue Trend Analysis, 2022 & 2032 (USD Million/Billion)
 - 6.2.1. Medical Tubing
 - 6.2.2. Catheters
 - 6.2.3. Syringes
 - 6.2.4. Gloves
 - 6.2.5. Medical & Infusion Bags
 - 6.2.6. Implants

CHAPTER 7. GLOBAL MEDICAL ELASTOMERS MARKET SIZE & FORECASTS BY END USE INDUSTRY 2022-2032

- 7.1. Segment Dashboard
- 7.2. Global Medical Elastomers Market: End Use Industry Revenue Trend Analysis, 2022 & 2032 (USD Million/Billion)
 - 7.2.1. Hospitals
 - 7.2.2. Clinics
 - 7.2.3. Ambulatory Surgical Centers

CHAPTER 8. GLOBAL MEDICAL ELASTOMERS MARKET SIZE & FORECASTS BY REGION 2022-2032

- 8.1. North America Medical Elastomers Market
 - 8.1.1. U.S. Medical Elastomers Market
 - 8.1.1.1. Applications Breakdown Size & Forecasts, 2022-2032
 - 8.1.1.2. Type Breakdown Size & Forecasts, 2022-2032
 - 8.1.2. Canada Medical Elastomers Market
- 8.2. Europe Medical Elastomers Market
 - 8.2.1. UK Medical Elastomers Market
 - 8.2.2. Germany Medical Elastomers Market
 - 8.2.3. France Medical Elastomers Market
 - 8.2.4. Spain Medical Elastomers Market
 - 8.2.5. Italy Medical Elastomers Market
 - 8.2.6. Rest of Europe Medical Elastomers Market
- 8.3. Asia-Pacific Medical Elastomers Market
 - 8.3.1. China Medical Elastomers Market
 - 8.3.2. India Medical Elastomers Market
 - 8.3.3. Japan Medical Elastomers Market
 - 8.3.4. Australia Medical Elastomers Market
 - 8.3.5. South Korea Medical Elastomers Market
 - 8.3.6. Rest of Asia Pacific Medical Elastomers Market
- 8.4. Latin America Medical Elastomers Market
 - 8.4.1. Brazil Medical Elastomers Market
 - 8.4.2. Mexico Medical Elastomers Market
 - 8.4.3. Rest of Latin America Medical Elastomers Market
- 8.5. Middle East & Africa Medical Elastomers Market
 - 8.5.1. Saudi Arabia Medical Elastomers Market
 - 8.5.2. South Africa Medical Elastomers Market
 - 8.5.3. Rest of Middle East & Africa Medical Elastomers Market

CHAPTER 9. COMPETITIVE INTELLIGENCE

- 9.1. Key Company SWOT Analysis
 - 9.1.1. BASF SE
 - 9.1.2. Dow Inc.
 - 9.1.3. DuPont de Nemours, Inc.
- 9.2. Top Market Strategies
- 9.3. Company Profiles

- 9.3.1. BASF SE
 - 9.3.1.1. Key Information
 - 9.3.1.2. Overview
 - 9.3.1.3. Financial (Subject to Data Availability)
 - 9.3.1.4. Product Summary
 - 9.3.1.5. Market Strategies
- 9.3.2. Dow Inc.
- 9.3.3. DuPont de Nemours, Inc.
- 9.3.4. ExxonMobil Corporation
- 9.3.5. Arkema Group
- 9.3.6. Covestro AG
- 9.3.7. Eastman Chemical Company
- 9.3.8. Kraton Corporation
- 9.3.9. Trelleborg AB
- 9.3.10. Celanese Corporation
- 9.3.11. Teknor Apex Company
- 9.3.12. Hexpol AB
- 9.3.13. Wacker Chemie AG
- 9.3.14. RTP Company
- 9.3.15. PolyOne Corporation

CHAPTER 10. RESEARCH PROCESS

- 10.1. Research Process
 - 10.1.1. Data Mining
 - 10.1.2. Analysis
 - 10.1.3. Market Estimation
 - 10.1.4. Validation
 - 10.1.5. Publishing
- 10.2. Research Attributes

List Of Tables

LIST OF TABLES

TABLE 1. Global Medical Elastomers Market, Report Scope

TABLE 2. Global Medical Elastomers Market Estimates & Forecasts by Region
2022-2032 (USD Million/Billion)

TABLE 3. Global Medical Elastomers Market Estimates & Forecasts by Type 2022-2032
(USD Million/Billion)

TABLE 4. Global Medical Elastomers Market Estimates & Forecasts by Applications
2022-2032 (USD Million/Billion)

TABLE 5. Global Medical Elastomers Market Estimates & Forecasts by End Use
Industry 2022-2032 (USD Million/Billion)

TABLE 6. Global Medical Elastomers Market by Segment, Estimates & Forecasts,
2022-2032 (USD Million/Billion)

TABLE 7. Global Medical Elastomers Market by Region, Estimates & Forecasts,
2022-2032 (USD Million/Billion)

TABLE 8. Global Medical Elastomers Market by Segment, Estimates & Forecasts,
2022-2032 (USD Million/Billion)

TABLE 9. Global Medical Elastomers Market by Region, Estimates & Forecasts,
2022-2032 (USD Million/Billion)

TABLE 10. Global Medical Elastomers Market by Segment, Estimates & Forecasts,
2022-2032 (USD Million/Billion)

TABLE 11. Global Medical Elastomers Market by Region, Estimates & Forecasts,
2022-2032 (USD Million/Billion)

TABLE 12. Global Medical Elastomers Market by Segment, Estimates & Forecasts,
2022-2032 (USD Million/Billion)

TABLE 13. Global Medical Elastomers Market by Region, Estimates & Forecasts,
2022-2032 (USD Million/Billion)

TABLE 14. Global Medical Elastomers Market by Segment, Estimates & Forecasts,
2022-2032 (USD Million/Billion)

TABLE 15. U.S. Medical Elastomers Market Estimates & Forecasts, 2022-2032 (USD
Million/Billion)

TABLE 16. U.S. Medical Elastomers Market Estimates & Forecasts by Segment
2022-2032 (USD Million/Billion)

TABLE 17. U.S. Medical Elastomers Market Estimates & Forecasts by Segment
2022-2032 (USD Million/Billion)

TABLE 18. Canada Medical Elastomers Market Estimates & Forecasts, 2022-2032
(USD Million/Billion)

TABLE 19. Canada Medical Elastomers Market Estimates & Forecasts by Segment
2022-2032 (USD Million/Billion)

TABLE 20. Canada Medical Elastomers Market Estimates & Forecasts by Segment
2022-2032 (USD Million/Billion)

.....

List Of Figures

LIST OF FIGURES

- FIG 1. Global Medical Elastomers Market, Research Methodology
- FIG 2. Global Medical Elastomers Market, Market Estimation Techniques
- FIG 3. Global Market Size Estimates & Forecast Methods
- FIG 4. Global Medical Elastomers Market, Key Trends 2023
- FIG 5. Global Medical Elastomers Market, Growth Prospects 2022-2032
- FIG 6. Global Medical Elastomers Market, Porter's 5 Force Model
- FIG 7. Global Medical Elastomers Market, PESTEL Analysis
- FIG 8. Global Medical Elastomers Market, Value Chain Analysis
- FIG 9. Global Medical Elastomers Market by Segment, 2022 & 2032 (USD Million/Billion)
- FIG 10. Global Medical Elastomers Market by Segment, 2022 & 2032 (USD Million/Billion)
- FIG 11. Global Medical Elastomers Market by Segment, 2022 & 2032 (USD Million/Billion)
- FIG 12. Global Medical Elastomers Market by Segment, 2022 & 2032 (USD Million/Billion)
- FIG 13. Global Medical Elastomers Market by Segment, 2022 & 2032 (USD Million/Billion)
- FIG 14. Global Medical Elastomers Market, Regional Snapshot 2022 & 2032
- FIG 15. North America Medical Elastomers Market 2022 & 2032 (USD Million/Billion)
- FIG 16. Europe Medical Elastomers Market 2022 & 2032 (USD Million/Billion)
- FIG 17. Asia Pacific Medical Elastomers Market 2022 & 2032 (USD Million/Billion)
- FIG 18. Latin America Medical Elastomers Market 2022 & 2032 (USD Million/Billion)
- FIG 19. Middle East & Africa Medical Elastomers Market 2022 & 2032 (USD Million/Billion)
- FIG 20. Global Medical Elastomers Market, Company Market Share Analysis (2023)

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This list is not complete, final report does contain more than 50 figures. The list may be updated in the final deliverable.

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