Medical Plastics Market Research Report- Forecast to 2023

Description:

Global Medical Plastics Market Information- by Type (Polyvinyl Chloride, Polypropylene, Engineering, Plastics, Polyethylene, Polystyrene, Silicons), by Application (Disposables, Implants, Drug Delivery Devices, Syringes, Diagnostic Instruments, Catheters, Surgical Instruments) - Forecast till 2023

Synopsis of Medical Plastics Market:

Medical Plastics are composed of a large number of macromolecules, which are used to manufacture safe and reliable devices in the industry. They are highly flexible, durable, and cost-effective. The quality, sterility, and performance of the equipment are the important trends and factors influencing the market confidently. Therefore, they are used in various applications such as disposables, implants, drug delivery devices, syringes, diagnostic instruments, catheters, surgical instruments, and others.

As per our analysis, the Global Medical Plastics Market is bifurcated into type and application. The market by type is further divided into polyvinyl chloride, polypropylene, engineering, plastics, polyethylene, polystyrene, and silicons. Among these, the polyvinyl chloride segment holds a major portion of the market on account of its growing use in flexible containers and tubing owing to its chemical stability, inert, and versatile nature. Additionally, the polyethylene segment is predicted to witness a rapid growth in the market due to its increasing consumption in surgical cables, tubing, and orthopedic sutures. Disposables, implants, drug delivery devices, syringes, diagnostic instruments, catheters, and surgical instruments are segregated on the basis of application. Among these, the disposables segment is set to grow at a higher rate on account of growing demand for medical devices such as disposable enemas, dialysis disposables, medical and cleaning gloves, and others. The growing geriatric population and rising health care aid are projected to drive the medical plastics market during the assessment period.

The Global Medical Plastics Market Share by Application:
Regional Analysis:

The Medical Plastics Market is segmented across five regions: Asia Pacific, North America, Europe, Latin America, and the Middle East & Africa. Among these, North America holds the major share of the market due to the growing demand for lightweight materials in manufacturing of medical devices such as hypodermic needles, disposable enemas, dialysis disposables, and others. Thus, the disposables segment is predicted to witness a rapid growth in the market during the forecast period. Therefore, countries such as the U.S., Canada, and Mexico are the major players in this market.

The Asia Pacific region is growing significantly due to an increased consumption of plastics in packaging, health care aid, medical instruments, and others. It is predicted that the rising awareness and regulations proposed by the government are likely to drive the market during the forecast period. The growing consumption of polyvinyl chloride and polyethylene segments in the medical industry has propelled the countries such as the China, Japan and India to achieve a stunning growth in the market.

European market has also observed a remarkable growth due to an implementation of new European Medical Device Regulation scheme to replace former medical directive and the Active Implantable Medical Device Directive (90/385/EEC). The market has been driven by the application of this rule in the medical industry. It is estimated that the growing innovation and technological advancement are predicted to propel the growth in the countries such as the U.K., Italy, Germany, and France during the forecast period.

The Latin American region is estimated to witness a recognized development in the market due to growing consumption of polyethylene, polyvinyl chloride segments and rising awareness in the industry. Moreover, the Middle East & Africa is anticipated to witness a higher growth in the market due to increasing demand for medical plastics in drug delivery systems, syringes, diagnostic instruments, and catheters.

Segmental Analysis:

The Global Medical Plastics Market is segmented into type, and application. On the basis of the type, the market is further categorized into polyvinyl chloride, polypropylene, engineering, plastics, polyethylene, polystyrene, and silicones. Among these, the polyvinyl chloride segment holds a majority of the market share due to extraordinary features offered by the product such as heat stability, biocompatible, chemical resistance, inert and versatile nature. The polyethylene segment is projected to witness a rapid growth due to its growing consumption in medical sutures and tubing. The market by application is further categorized into disposables, implants, drug delivery devices, syringes, diagnostic instruments, catheters, surgical instruments. Among these, the disposables segment is accounts for major share of the market owing to growing popularity of medical devices such as disposable enemas, medical, and cleaning gloves. They are manufactured by using polymers such as silicone hydrogel, polyethylene, polystyrene, epoxy resins, and others. Moreover, engineering plastic is expected to drive the market due to exceptional features offered by the product are flexibility,
transparency, and resistance to the electromagnetic waves.

Key Players:

Some of the prominent players operating in the Global Medical Plastics Market are Röchling Group (Germany), The Lubrizol Corporation (U.S.), Eastman Chemical Company (U.S.), The Dow Chemical Company (U.S.), Saint-Gobain Performance Plastics (France), Solvay (Belgium), BASF SE (Germany), NUSIL (U.S.), Tekni-Plex (U.S.), and Celanese Corporation (U.S.) among others.

Geographical Analysis:

The report covers brief analysis of the major geographic regions namely Asia Pacific, Europe, North America, Latin America, and the Middle East & Africa.

Intended Audience

- Medical Plastics Market Manufacturers
- Traders and Distributors of Medical Plastics Market
- Production Process Industries
- 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 Process</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 Medical plastics Market</td>
</tr>
<tr>
<td>5 Industry Overview of Global Medical plastics 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>
</tbody>
</table>
7. Global Medical plastics Market by Type

7.1 Introduction

7.2 Polyvinyl chloride

7.2.1 Market Estimates & Forecast, 2017-2023

7.2.2 Market Estimates & Forecast by Region, 2017-2023

7.3 Polypropylene

7.3.1 Market Estimates & Forecast, 2017-2023

7.3.2 Market Estimates & Forecast by Region, 2017-2023

7.4 Engineering

7.4.1 Market Estimates & Forecast, 2017-2023

7.4.2 Market Estimates & Forecast by Region, 2017-2023

7.5 Plastics

7.5.1 Market Estimates & Forecast, 2017-2023

7.5.2 Market Estimates & Forecast by Region, 2017-2023

7.6 Polyethylene

7.6.1 Market Estimates & Forecast, 2017-2023

7.6.2 Market Estimates & Forecast by Region, 2017-2023

7.7 Polystyrene

7.7.1 Market Estimates & Forecast, 2017-2023

7.7.2 Market Estimates & Forecast by Region, 2017-2023

7.8 Silicones

7.8.1 Market Estimates & Forecast, 2017-2023

7.8.2 Market Estimates & Forecast by Region, 2017-2023

8. Global Medical plastics Market by Application

8.1 Introduction

8.2 Disposables

8.2.1 Market Estimates & Forecast, 2017-2023

8.2.2 Market Estimates & Forecast by Region, 2017-2023

8.3 Implants

8.3.1 Market Estimates & Forecast, 2017-2023

8.3.2 Market Estimates & Forecast by Region, 2017-2023

8.4 Drug delivery devices

8.4.1 Market Estimates & Forecast, 2017-2023

8.4.2 Market Estimates & Forecast by Region, 2017-2023

8.5 Syringes

8.5.1 Market Estimates & Forecast, 2017-2023

8.5.2 Market Estimates & Forecast by Region, 2017-2023

8.6 Diagnostic instruments

8.6.1 Market Estimates & Forecast, 2017-2023

8.6.2 Market Estimates & Forecast by Region, 2017-2023

8.7 Catheters

8.7.1 Market Estimates & Forecast, 2017-2023

8.7.2 Market Estimates & Forecast by Region, 2017-2023

8.8 Surgical instruments

8.8.1 Market Estimates & Forecast, 2017-2023

8.8.2 Market Estimates & Forecast by Region, 2017-2023

9. Global Medical plastics Market by Region

9.1 Introduction
9.2 North America
  9.2.1 Market Estimates & Forecast, 2017-2023
  9.2.2 Market Estimates & Forecast by Type, 2017-2023
  9.2.3 Market Estimates & Forecast by Application, 2017-2023
  9.2.4 US
    9.2.4.1 Market Estimates & Forecast, 2017-2023
    9.2.4.2 Market Estimates & Forecast by Type, 2017-2023
    9.2.4.3 Market Estimates & Forecast by Application, 2017-2023
  9.2.5 Canada
    9.2.5.1 Market Estimates & Forecast, 2017-2023
    9.2.5.2 Market Estimates & Forecast by Type, 2017-2023
    9.2.5.3 Market Estimates & Forecast by Application, 2017-2023
  9.2.6 Mexico
    9.2.6.1 Market Estimates & Forecast, 2017-2023
    9.2.6.2 Market Estimates & Forecast by Type, 2017-2023
    9.2.6.3 Market Estimates & Forecast by Application, 2017-2023

9.3 Europe
  9.3.1 Market Estimates & Forecast, 2017-2023
  9.3.2 Market Estimates & Forecast by Type, 2017-2023
  9.3.3 Market Estimates & Forecast by Application, 2017-2023
  9.3.4 Germany
    9.3.4.1 Market Estimates & Forecast, 2017-2023
    9.3.4.2 Market Estimates & Forecast by Type, 2017-2023
    9.3.4.3 Market Estimates & Forecast by Application, 2017-2023
  9.3.5 France
    9.3.5.1 Market Estimates & Forecast, 2017-2023
    9.3.5.2 Market Estimates & Forecast by Type, 2017-2023
    9.3.5.3 Market Estimates & Forecast by Application, 2017-2023
  9.3.6 Italy
    9.3.6.1 Market Estimates & Forecast, 2017-2023
    9.3.6.2 Market Estimates & Forecast by Type, 2017-2023
    9.3.6.3 Market Estimates & Forecast by Application, 2017-2023
  9.3.7 Spain
    9.3.7.1 Market Estimates & Forecast, 2017-2023
    9.3.7.2 Market Estimates & Forecast by Type, 2017-2023
    9.3.7.3 Market Estimates & Forecast by Application, 2017-2023
  9.3.8 UK
    9.3.8.1 Market Estimates & Forecast, 2017-2023
    9.3.8.2 Market Estimates & Forecast by Type, 2017-2023
    9.3.8.3 Market Estimates & Forecast by Application, 2017-2023

9.4 Asia Pacific
  9.4.1 Market Estimates & Forecast, 2017-2023
  9.4.2 Market Estimates & Forecast by Type, 2017-2023
  9.4.3 Market Estimates & Forecast by Application, 2017-2023
  9.4.4 China
    9.4.4.1 Market Estimates & Forecast, 2017-2023
    9.4.4.2 Market Estimates & Forecast by Type, 2017-2023
    9.4.4.3 Market Estimates & Forecast by Application, 2017-2023
9.4.5 India
9.4.5.1 Market Estimates & Forecast, 2017-2023
9.4.5.2 Market Estimates & Forecast by Type, 2017-2023
9.4.5.3 Market Estimates & Forecast by Application, 2017-2023
9.4.6 Japan
9.4.6.1 Market Estimates & Forecast, 2017-2023
9.4.6.2 Market Estimates & Forecast by Type, 2017-2023
9.4.6.3 Market Estimates & Forecast by Application, 2017-2023
9.4.7 Australia
9.4.7.1 Market Estimates & Forecast, 2017-2023
9.4.7.2 Market Estimates & Forecast by Type, 2017-2023
9.4.7.3 Market Estimates & Forecast by Application, 2017-2023
9.4.8 New Zealand
9.4.8.1 Market Estimates & Forecast, 2017-2023
9.4.8.2 Market Estimates & Forecast by Type, 2017-2023
9.4.8.3 Market Estimates & Forecast by Application, 2017-2023
9.4.9 Rest of Asia Pacific
9.4.9.1 Market Estimates & Forecast, 2017-2023
9.4.9.2 Market Estimates & Forecast by Type, 2017-2023
9.4.9.3 Market Estimates & Forecast by Application, 2017-2023
9.5 Middle East & Africa
9.5.1 Market Estimates & Forecast, 2017-2023
9.5.2 Market Estimates & Forecast by Type, 2017-2023
9.5.3 Market Estimates & Forecast by Application, 2017-2023
9.5.4 Turkey
9.5.4.1 Market Estimates & Forecast, 2017-2023
9.5.4.2 Market Estimates & Forecast by Type, 2017-2023
9.5.4.3 Market Estimates & Forecast by Application, 2017-2023
9.5.5 Israel
9.5.5.1 Market Estimates & Forecast, 2017-2023
9.5.5.2 Market Estimates & Forecast by Type, 2017-2023
9.5.5.3 Market Estimates & Forecast by Application, 2017-2023
9.5.6 North Africa
9.5.6.1 Market Estimates & Forecast, 2017-2023
9.5.6.2 Market Estimates & Forecast by Type, 2017-2023
9.5.6.3 Market Estimates & Forecast by Application, 2017-2023
9.5.7 GCC
9.5.7.1 Market Estimates & Forecast, 2017-2023
9.5.7.2 Market Estimates & Forecast by Type, 2017-2023
9.5.7.3 Market Estimates & Forecast by Application, 2017-2023
9.5.8 Rest of Middle East & Africa
9.5.8.1 Market Estimates & Forecast, 2017-2023
9.5.8.2 Market Estimates & Forecast by Type, 2017-2023
9.5.8.3 Market Estimates & Forecast by Application, 2017-2023
9.6 Latin America
9.6.1 Market Estimates & Forecast, 2017-2023
9.6.2 Market Estimates & Forecast by Type, 2017-2023
9.6.3 Market Estimates & Forecast by Application, 2017-2023
9.6.4 Brazil
9.6.4.1 Market Estimates & Forecast, 2017-2023
9.6.4.2 Market Estimates & Forecast by Type, 2017-2023
9.6.4.3 Market Estimates & Forecast by Application, 2017-2023
9.6.5 Argentina
9.6.5.1 Market Estimates & Forecast, 2017-2023
9.6.5.2 Market Estimates & Forecast by Type, 2017-2023
9.6.5.3 Market Estimates & Forecast by Application, 2017-2023
9.6.6 Rest of Latin America
9.6.6.1 Market Estimates & Forecast, 2017-2023
9.6.6.2 Market Estimates & Forecast by Type, 2017-2023
9.6.6.3 Market Estimates & Forecast by Application, 2017-2023

10. Company Landscape

11. Company Profiles
11.1 Röchling Group
11.1.1 Company Overview
11.1.2 Product/Business Segment Overview
11.1.3 Financial Updates
11.1.4 Key Developments
11.2 The Lubrizol Corporation
11.2.1 Company Overview
11.2.2 Product/Business Segment Overview
11.2.3 Financial Updates
11.2.4 Key Developments
11.3 Eastman Chemical Company
11.3.1 Company Overview
11.3.2 Product/Business Segment Overview
11.3.3 Financial Updates
11.3.4 Key Developments
11.4 The Dow Chemical Company
11.4.1 Company Overview
11.4.2 Product/Business Segment Overview
11.4.3 Financial Updates
11.4.4 Key Developments
11.5 Saint-Gobain Performance Plastics
11.5.1 Company Overview
11.5.2 Product/Business Segment Overview
11.5.3 Financial Updates
11.5.4 Key Developments
11.6 Solvay
11.6.1 Company Overview
11.6.2 Product/Business Segment Overview
11.6.3 Financial Updates
11.6.4 Key Developments
11.7 BASF SE
11.7.1 Company Overview
11.7.2 Product/Business Segment Overview
11.7.3 Financial Updates
11.7.4 Key Developments

11.8 NUSIL

11.8.1 Company Overview

11.8.2 Product/Business Segment Overview

11.8.3 Financial Updates

11.8.4 Key Developments

11.9 Tekni-Plex

11.9.1 Company Overview

11.9.2 Product/Business Segment Overview

11.9.3 Financial Updates

11.9.4 Key Developments

11.10 Celanese Corporation

11.10.1 Company Overview

11.10.2 Product/Business Segment Overview

11.10.3 Financial Updates

11.10.4 Key Developments

12 Conclusion

List of Tables:

Table 1 World Population by Major Regions (2017 To 2030)
Table 2 Global Medical plastics Market: By Region, 2017-2023
Table 3 North America Medical plastics Market: By Country, 2017-2023
Table 4 Europe Medical plastics Market: By Country, 2017-2023
Table 5 Asia-Pacific Medical plastics Market: By Country, 2017-2023
Table 6 Middle East & Africa Medical plastics Market: By Country, 2017-2023
Table 7 Latin America Medical plastics Market: By Country, 2017-2023
Table 8 Global Medical plastics by Type Market: By Region, 2017-2023
Table 9 North America Medical plastics by Type Market: By Country, 2017-2023
Table 10 Europe Medical plastics by Type Market: By Country, 2017-2023
Table 11 Asia-Pacific Medical plastics by Type Market: By Country, 2017-2023
Table 12 Middle East & Africa Medical plastics by Type Market: By Country, 2017-2023
Table 13 Latin America Medical plastics by Type Market: By Country, 2017-2023
Table 14 Global Medical plastics by Application Market: By Region, 2017-2023
Table 15 North America Medical plastics by Application Market: By Country, 2017-2023
Table 16 Europe Medical plastics by Application Market: By Country, 2017-2023
Table 17 Asia-Pacific Medical plastics by Application Market: By Country, 2017-2023
Table 18 Middle East & Africa Medical plastics by Application Market: By Country, 2017-2023
Table 19 Latin America Medical plastics by Application Market: By Country, 2017-2023
Table 20 Global Type Market: By Region, 2017-2023
Table 21 Global Application Market: By Region, 2017-2023
Table 22 North America Medical plastics Market, By Country
Table 23 North America Medical plastics Market, By Type
Table 24 North America Medical plastics Market, By Application
Table 25 Europe: Medical plastics Market, By Country
Table 26 Europe: Medical plastics Market, By Type
Table 27 Europe: Medical plastics Market, By Application
Table 28 Asia-Pacific: Medical plastics Market, By Country
Table 29 Asia-Pacific: Medical plastics Market, By Type
Table 30 Asia-Pacific: Medical plastics Market, By Application
Table 31 Middle East & Africa: Medical plastics Market, By Country
Table 32 Middle East & Africa Medical plastics Market, By Type
Table 33 Middle East & Africa Medical plastics Market, By Application
Table 34 Latin America: Medical plastics Market, By Country
Table 35 Latin America Medical plastics Market, By Type
Table 36 Latin America Medical plastics Market, By Application

List Of Figures:

FIGURE 1 Global Medical plastics market segmentation
FIGURE 2 Forecast Methodology
FIGURE 3 Five Forces Analysis of Global Medical plastics Market
FIGURE 4 Value Chain of Global Medical plastics Market
FIGURE 5 Share of Global Medical plastics Market in 2017, by country (in %)
FIGURE 6 Global Medical plastics Market, 2017-2023,
FIGURE 7 Sub segments of Type
FIGURE 8 Global Medical plastics Market size by Type, 2017
FIGURE 9 Share of Global Medical plastics Market by Type, 2017 to 2023
FIGURE 10 Global Medical plastics Market size by Application, 2017
FIGURE 11 Share of Global Medical plastics Market by Application, 2017 to 2023