

Global Medical Plastics Market:
Analysis By Product (Polyvinyl
Chloride (PVC), Polypropylene (PP),
Polyethylene, Silicone, Engineering
Plastic and Others), By Application
(Medical Disposals, Drugs Packaging,
Medical Instruments, Prosthetics and
Implants and Others) By Region Size
and Trends with Impact of COVID-19
and Forecast up to 2028

June 2023



Global Medical Plastics Market: Coverage

Executive Summary and Scope

Introduction/Market Overview

Global Market Analysis

Regional Market Analysis

Impact Of COVID-19

Dynamics

Competitive Landscape

Company Profiling

Global Medical Plastics Market: Coverage

Scope of the Report

Attributes	Details
Title	Global Medical Plastics Market: Analysis By Product (Polyvinyl Chloride (PVC), Polypropylene (PP), Polyethylene, Silicone, Engineering Plastic and Others), By Application (Medical Disposals, Drugs Packaging, Medical Instruments, Prosthetics and Implants and Others) By Region Size and Trends with Impact of COVID-19 and Forecast up to 2028
Coverage	Global and Regional
Regional Coverage	North America (the US, Canada, and Mexico), Europe (The UK, Germany, France, Italy, Spain, and Rest of Europe), Asia Pacific (China, Japan, India and Rest of the Asia Pacific), and Rest of the World
Market Influencing Variables	Growth Drivers, Challenges, Market Trends
Forecast Period of Market	2023-2028
Competition in the Market	Moderately Fragmented
Key Players	SABIC (Saudi Basic Industries Corporation), Evonik Industries AG, Saint-Gobain, Celanese Corporation, Mitsubishi Chemical Group Corporation, Solvay SA, BASF SE, Arkema Group (Arkema S.A.), Röchling Group, Eastman Chemical Company, Nolato AB, Covestro AG

Global Medical Plastics Market: Coverage

Executive Summary

Medical Plastics are a class of materials specifically designed and used in various healthcare applications. They are widely employed in medical devices, equipment, packaging, and even surgical implants. These plastics possess properties that make them suitable for medical use, such as biocompatibility, durability, chemical resistance, and sterilization capabilities. The global medical plastics market was valued US\$34.95 billion in 2022. The market value is expected to reach US\$54.28 billion by 2028, growing at a CAGR of 7.09% over the projected period of 2023-2028.

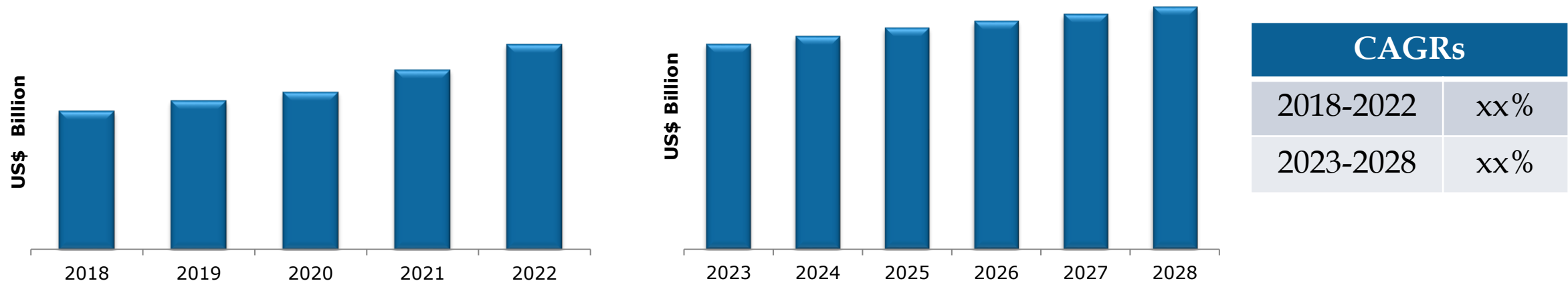
The global medical plastics market can be segmented based on the type (Polyvinyl Chloride (PVC), Polypropylene (PP), Polyethylene, Silicone, Engineering Plastic and Others), and application (Medical Disposals, Drugs Packaging, Medical Instruments, Prosthetics and Implants and Others). In 2022, Polyvinyl Chloride (PVC) segment held the major share of the market. PVC has unique technical properties that make it suitable for a range of life-saving medical applications such as tubing, containers, blood bags, catheters, masks, gloves, and more. Based on the region, North America dominated the market in 2022.

The COVID-19 pandemic had a positive impact on the medical plastics market. As the number of patients affected by the virus increased, the need for medical disposals and devices also surged. This has expanded the share of medical plastics globally. Furthermore, the increased demand for PPEs to protect healthcare workers and the general population led to a surge in the production and consumption of medical-grade plastics. Governments and healthcare systems have prioritized investments in healthcare infrastructure, including the expansion and upgrading of hospitals and healthcare facilities. Thus, the market is expected to grow further in the post-COVID-era.

The global medical plastics market observed progressive growth in the past few years and anticipations are made that during the forecasted period (2023-2028), the market would further augment at an escalating growth rate. The global medical plastics market growth is predicted to be supported by numerous growth drivers such as aging population, increase in disposable income, rising healthcare expenditure, expanding prosthetics market, ease in surgical process, rising packaging application, and many other factors. Conversely, the market growth would be negatively impacted by various challenges such as medical waste management, environmental pollution, stringent regulations, etc. Moreover, the market growth would succeed in various market trends like the rising technological advancements, 3D printing, mobility aids, home healthcare, growing use of engineering plastics, etc.

Global Medical Plastics Market: Global Analysis

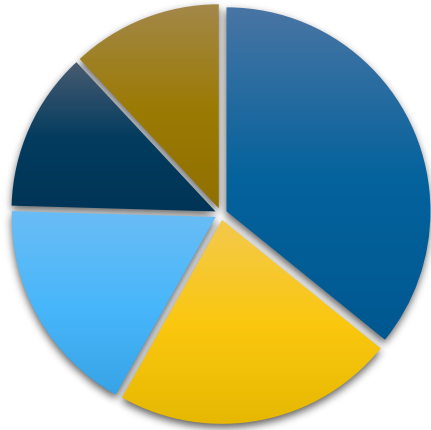
Global Medical Plastics Market by Value



Global medical plastics market was valued at US\$... billion in 2022 and is anticipated to reach up to US\$... billion by 2028 from US\$... billion in 2023, with a CAGR of xx%.

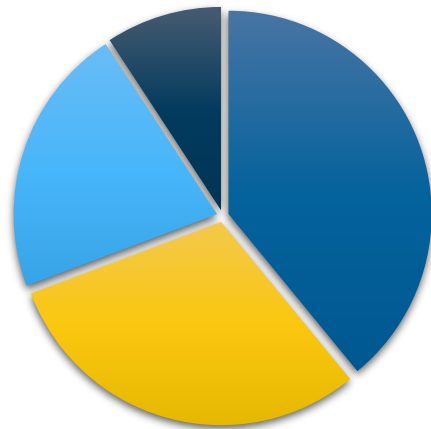
Medical Plastics Market: Global Analysis

Global Medical Plastics Market by Type; 2022



Type	Share
Polyvinyl Chloride (PVC)	xx%
Polypropylene (PP)	xx%
Polyethylene	xx%
Silicone	xx%
Engineering Plastics	xx%
Others	xx%

Global Medical Plastics Market by Application; 2022



Application	Share
Medical Disposals	xx%
Drugs Packaging	xx%
Medical Instruments	xx%
Prosthetics and Implants	xx%
Others	xx%

Medical Plastics Market: Global Analysis

Global Medical Plastics Market by Region; 2022



North America, xx%

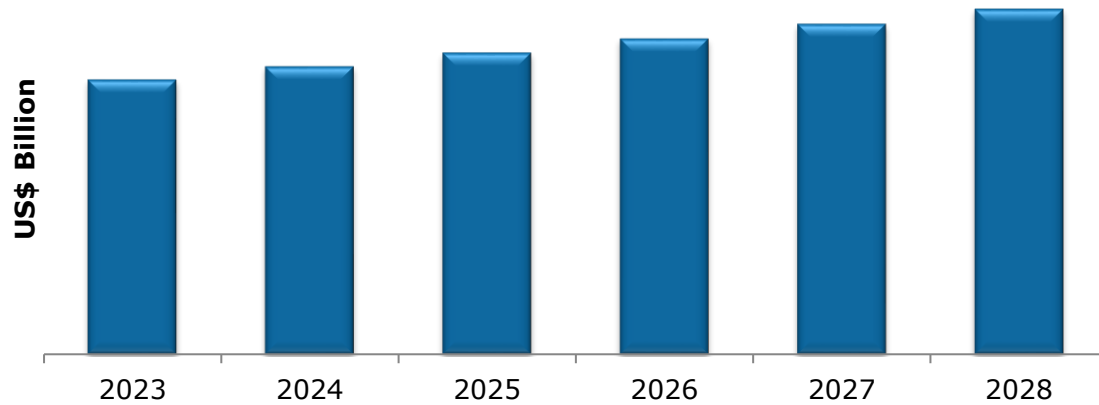
Europe, xx%

Asia Pacific, xx%

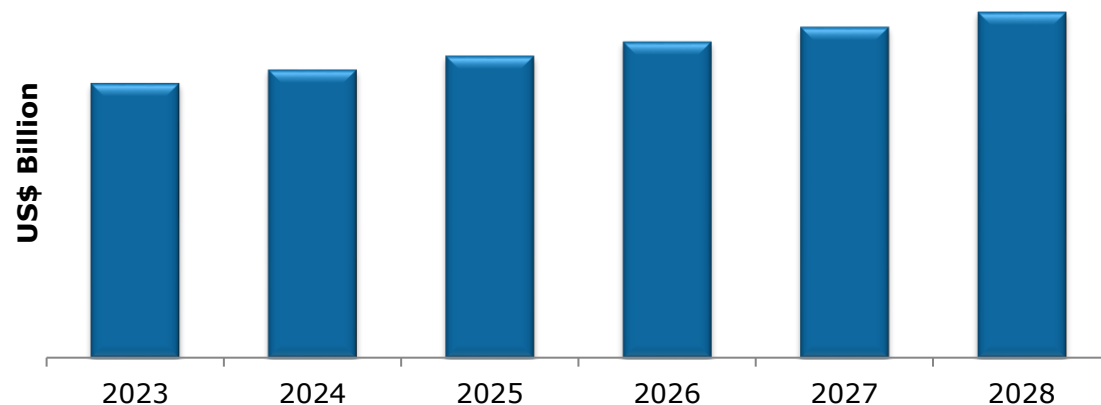
Rest of the World, xx%

Global Medical Plastics Market: Type Analysis

Global Polyvinyl Chloride (PVC) Medical Plastics Market By Value



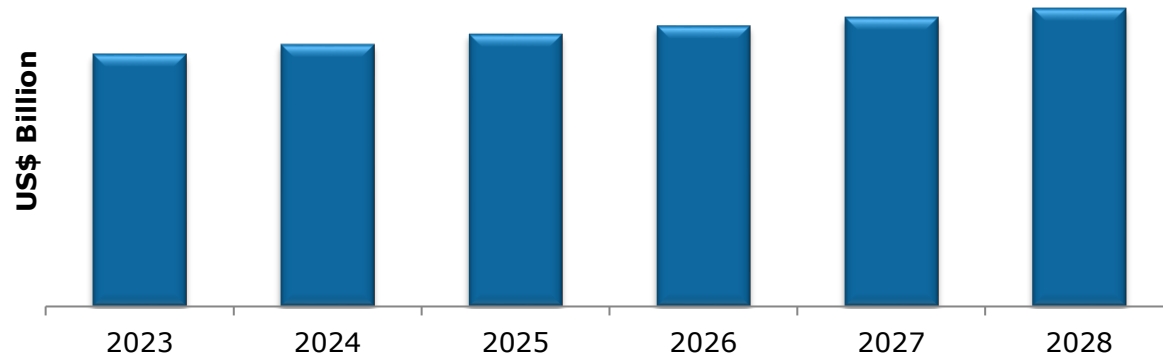
Global Polypropylene (PP) Medical Plastics Market By Value



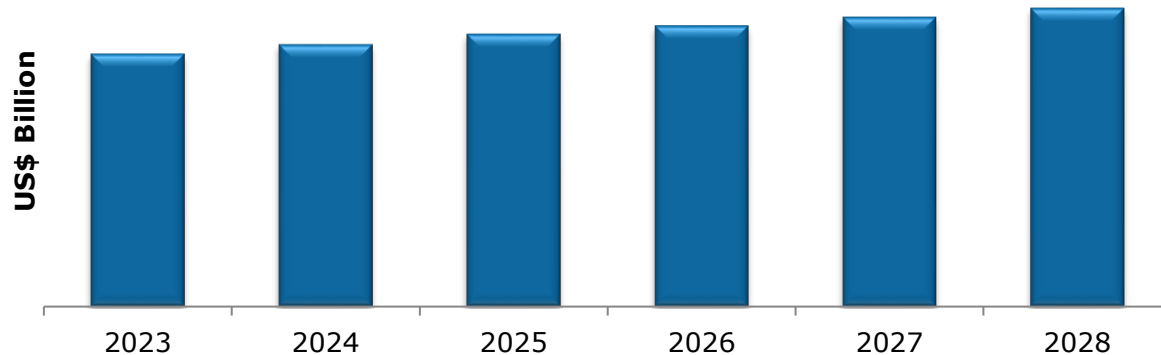
Type	CAGR (2023-2028)
Polyvinyl Chloride (PVC)	xx%
Polypropylene (PP)	xx%
Polyethylene	xx%
Silicone	xx%
Engineering Plastics	xx%
Others	xx%

Global Medical Plastics Market: Application Analysis

Global Medical Plastics Drugs Packaging Market By Value



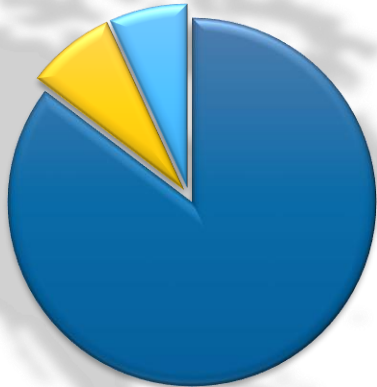
Global Medical Plastics Instruments Market By Value



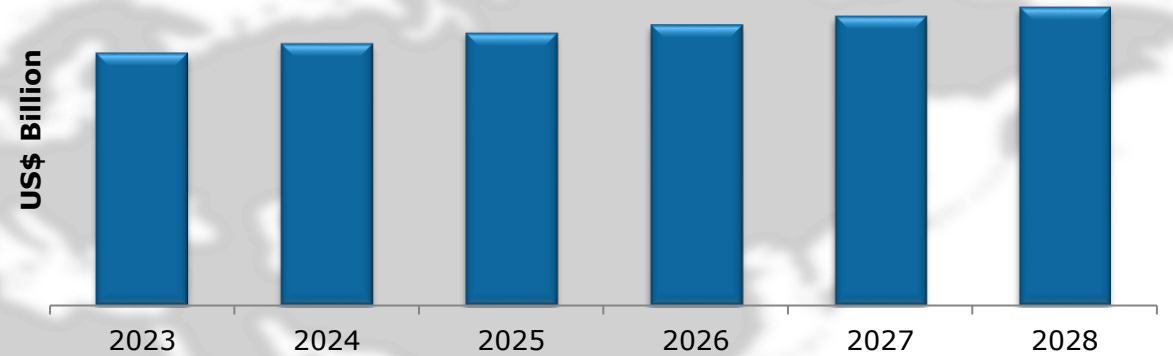
Type	CAGR (2023-2028)
Medical Disposals	xx%
Drugs Packaging	xx%
Medical Instruments	xx%
Prosthetics and Implants	xx%
Others	xx%

North America Medical Plastics Market: An Analysis

North America Medical Plastics Market by Region;
2022



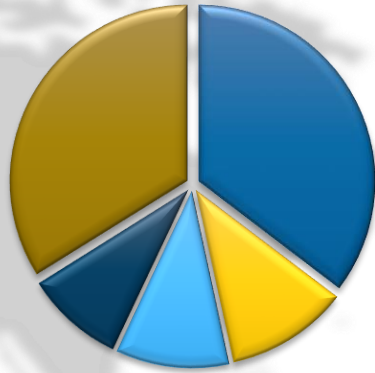
The US Medical Plastics Market by Value; 2023-2028



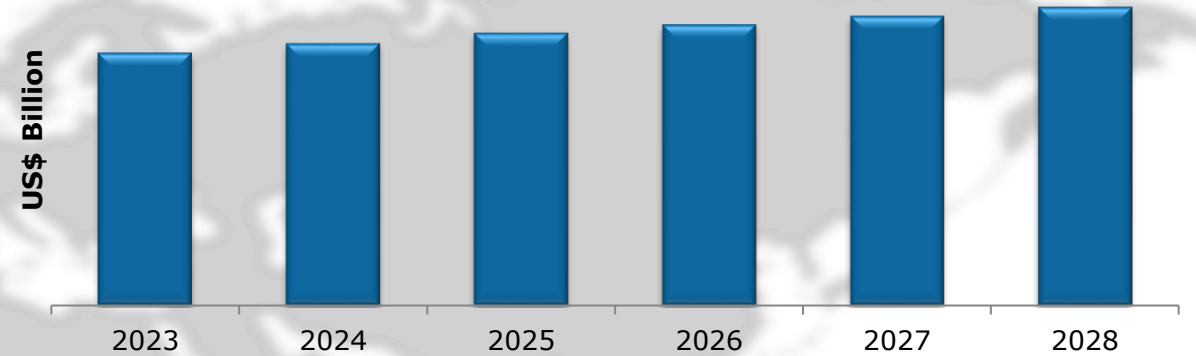
Region	Share (2022)	CAGR (2023-2028)
The US	xx%	xx%
Canada	xx%	xx%
Mexico	xx%	xx%

Europe Medical Plastics Market Market: An Analysis

Europe Medical Plastics Market by Region; 2022



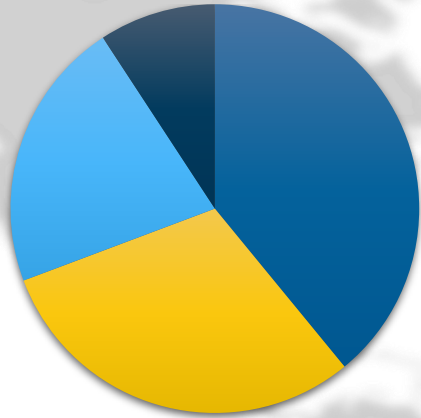
UK Medical Plastics Market By Value; 2023-2028



Region	Share (2022)	CAGR (2023-2028)
The UK	xx%	xx%
Germany	xx%	xx%
France	xx%	xx%
Italy	xx%	xx%
Spain	xx%	xx%
Rest of Europe	xx%	xx%

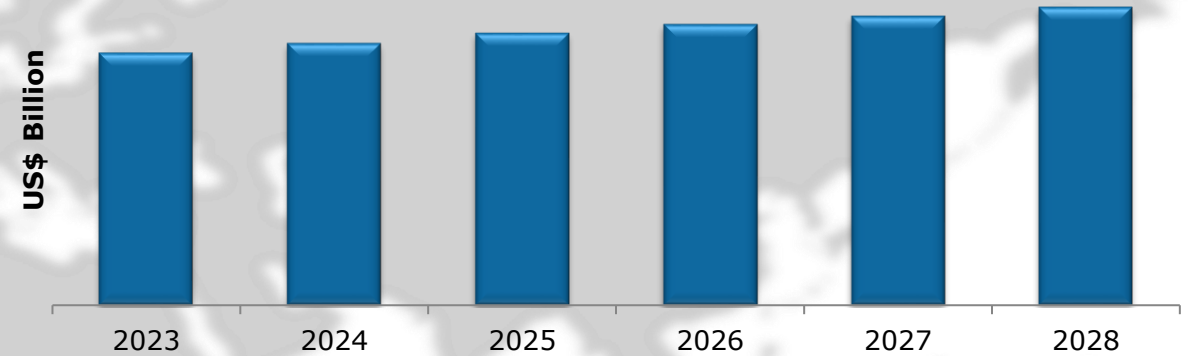
Asia Pacific Medical Plastics Market Market: An Analysis

Asia Pacific Medical Plastics Market by Region; 2022

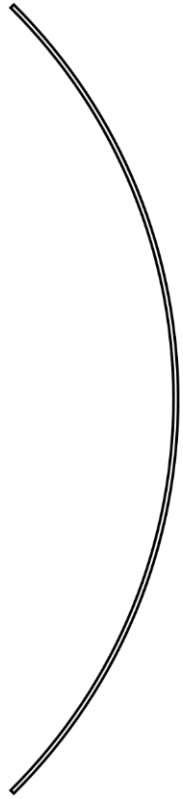


Region	Share (2022)	CAGR (2023-2028)
China	xx%	xx%
Japan	xx%	xx%
India	xx%	xx%
Rest of Asia Pacific	xx%	xx%

China Medical Plastics Market By Value; 2023-2028



Global Medical Plastics Market: Dynamics



Global Medical Plastics Market: Competitive Landscape

Players Profiled

- ❑ SABIC (Saudi Basic Industries Corporation)
- ❑ Evonik Industries AG
- ❑ Saint-Gobain,
- ❑ Celanese Corporation
- ❑ Mitsubishi Chemical Group Corporation
- ❑ Solvay SA
- ❑ Orthoplastics Limited
- ❑ BASF SE
- ❑ Arkema Group (Arkema S.A.)
- ❑ Röchling Group
- ❑ Eastman Chemical Company
- ❑ Nolato AB
- ❑ Covestro AG