

# Technology Landscape, Trends and Opportunities in the Global Medical Plastic Market

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## Abstracts

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According to a new market report published by Lucintel, the growth of the global medical plastic market looks promising with opportunities in the medical device market. The global medical plastic market is expected to reach an estimated \$28 billion by 2030 with a CAGR of 3.3% from 2024 to 2030. The major drivers for this market are increasing demand for development of patient-specific implants and 3D printed devices, increasing adoption of medical polymers due to low prices and versatility, growing healthcare investments in emerging economies, and increasing use of home healthcare and self-medication.

Emerging trend, which has a direct impact on the dynamics of the industry, includes adoption of engineering polymers, increasing use of polyolefins, and adoption of bioresorbable polymers.

A total of 98 figures / charts and 88 tables are provided in this 173-page report to help in your business decisions. Sample figures with some insights are shown below. To learn the scope of, benefits, companies researched and other details of medical plastic market report download the report brochure.

The study includes a trend and forecast for the global medical plastic market by technology, application, and region as follows:

By Technology [Value (\$ Million) and Volume (Kilotons) from 2018 – 2030]:

Polyvinyl Chloride

Polyethylene

Polypropylene

Engineering Plastics

Polystyrene

Polyester

Polycarbonate

Polyurethane

Acrylics

By Application [Value (\$ Million) and Volume (Kilotons) from 2018 – 2030]:

Disposables

Drug Delivery System

Diagnostic Instruments

Surgical Instruments

Catheters

Medical Bags

Implants

By Region [Value (\$ Million) and Volume (Kilotons) from 2018 – 2030]:

North America

United States

Canada

Mexico

Europe

Germany

France

United Kingdom

Italy

Spain

Asia Pacific

Japan

China

India

The Rest of the World

Brazil

Some of the medical plastic companies profiled in this report include Solvay, BASF SE, Covestr%li%AG, Evonik Industries AG, and Dow Chemical Corporation.

Lucintel forecasts that polyvinyl chloride will remain the largest segment over the forecast period as it is easily sterilized and re-used with steam, ethylene oxide, and radiation.

Within this market, disposables will remain the largest application over the forecast

period due to the developing prominence of the medical devices such as hypodermic needles and cleaning gloves.

North America will remain the largest region over the forecast period and APAC is expected to witness the highest growth over the forecast period due to the robust growth of the medical industry coupled with rising healthcare expenditure.

## Features of Medical plastic Market

**Market Size Estimates:** Medical plastic market size estimation in terms of value (\$M) and volume (Kilotons) shipment.

**Trend And Forecast Analysis:** Market trends (2018-2023) and forecast (2024-2030) by various segments and regions.

**Segmentation Analysis:** Medical plastic market size by various segments, such as technology, application, and regions in terms of value and volume.

**Regional Analysis:** Medical plastic market breakdown by North America, Europe, Asia Pacific, and the Rest of the World.

**Growth Opportunities:** Analysis on growth opportunities in different technology, application, and regions for medical plastic market.

**Strategic Analysis:** This includes M&A, new product development, and competitive landscape for the medical plastic market.

**Analysis of competitive intensity of the industry based on Porter's Five Forces model.**

This report answers following 11 key questions

Q.1 What are some of the most promising potential, high-growth opportunities for the global medical plastic market by technology (polyvinyl chloride, polyethylene, polypropylene, engineering plastics, polystyrene, polyester, polycarbonate, polyurethane, and acrylics), application (disposables, drug delivery system, diagnostic instruments, surgical instruments, catheters, medical bags, and implants), and region (North America, Europe, Asia Pacific, and the Rest of the World)?

Q. 2 Which segments will grow at a faster pace and why?

Q.3 Which regions will grow at a faster pace and why?

Q.4 What are the key factors affecting market dynamics? What are the drivers and challenges of the market?

Q.5 What are the business risks and threats to the market?

Q.6 What are emerging trends in this market and the reasons behind them?

Q.7 What are some changing demands of customers in the market?

Q.8 What are the new developments in the market? Which companies are leading these developments?

Q.9 Who are the major players in this market? What strategic initiatives are being implemented by key players for business growth?

Q.10 What are some of the competitive products and processes in this market, and how big of a threat do they pose for loss of market share via material or product substitution?

Q.11 What M & A activities did take place in the last five years in this market?

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