

Medical Engineered Materials Market: Segmented by Type (Plastic, Foam, Film, Adhesive and Others), By Application (Medical Disposables, Medical Devices, Medical Wearables and Medical Wound care), and Region – Global Analysis of Market Size, Share & Trends for 2019–2020 and Forecasts to 2030

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Abstracts

[176 + Pages Research Report] Global Medical Engineered Materials Market to surpass USD 57.2 billion by 2030 from USD 19.1 billion in 2020 at a CAGR of 15.4% in the coming years, i.e., 2021-30.

Product Overview

Medical Engineered Materials (MEM) are materials that are used to make medical devices and equipment like implants and disposables. These materials have been designed and authorized for use in medical device manufacturing, safety, and assembly. These are high-value-added materials that consistently outperform typical materials, resulting in goods that are thinner, have a broader operating temperature range, are multifunctional, or have better life-cycle performance.

Market Highlights

Global Medical Engineered Materials market is expected to project a notable CAGR of 15.4% in 2030.

The medical engineered materials market is being driven by an ageing population, an increase in global healthcare spending, a growing desire for minimally invasive medical procedures, and developments in medical electronics design. Emerging market participants such as APAC, South America, and the Middle East, and Africa are heavily

investing in healthcare spending and improving medical facilities.

Global Medical Engineered Materials: Segments

Medical plastic segment to grow with the highest CAGR during 2020-30

Global Medical Engineered Materials market is segmented by type into Plastic, Foam, Film, Adhesive and Others. Medical plastic segment held the largest market share in the year 2020 because they are used in a wide range of applications in the healthcare business, including the manufacture of medical instruments, materials, disposables, and diagnostic equipment, which drives market growth.

Medical disposable segment to grow with the highest CAGR during 2020-30

Global Medical Engineered Materials market is divided by Application into Medical Disposables, Medical Devices, Medical Wearables and Medical Wound care. In 2020, medical disposables held the largest share of the market. This is owing to an increase in the frequency of chronic diseases, changing middle-class lifestyles, increased demand for superior healthcare services, and an ageing population, all of which are driving market expansion.

Market Dynamics

Drivers

Changing demographics and increased investment in various applications

Medical equipment and devices are used in a variety of diagnostic, procedural, and surgical procedures. These gadgets and equipment are made with medically designed materials. The demand for engineered materials is being driven by changing demographics such as the ageing population and emerging disease strains. Globally, the ageing population has a considerable impact on product design and manufacturing. Furthermore, demand for pleasant design is increasing among the elderly. Some of the innovative materials, such as soft-touch TPEs, and processes, such as over-molding, are expected to increase demand for medical engineered materials during the projected period.

Rising demand for customized products and utilization in medical business

Engineered materials are crucial in the development of medical devices and equipment. Medical designed materials are tailored to meet the requirements of a certain

equipment. The demand for customized products with qualities such as biodegradability, radio-opacity, and antibacterial capabilities is driving the industry forward. In the recent decade, the utilization of engineered materials in the medical business has skyrocketed. Metals, ceramics, and glass are being phased out in favor of these engineered materials.

Restraint

Stringent government regulations and waste concerns

Stringent regulatory standards and a lengthy clearance process are the market's biggest roadblocks. Medical waste management concerns are a significant barrier for the medical engineered materials business.

Global Medical Engineered Materials: Key Players

BASF

Company Overview, Business Strategy, Key Product Offerings, Financial Performance, Key Performance Indicators, Risk Analysis, Recent Development, Regional Presence, SWOT Analysis

Evonik

Covestro

Solvay

SABIC

Trelleborg AB

DSM

Celanese

DuPont

Other Prominent Players

Global Medical Engineered Materials: Regions

Global Medical Engineered Materials market is segmented based on regional analysis into five major regions: North America, Latin America, Europe, Asia Pacific, and the Middle East and Africa. The market in APAC is expected to hold highest CAGR over the forecasted period. The APAC medical engineered materials market is being driven by a growing population, higher need for better healthcare facilities, and a growth in lifestyle-related disorders. China is the region's largest market for medical engineered materials. Due to its large manufacturing base, China is also a key producer and consumer of medical engineered materials in the region. Apart from China, India, Japan, and South Korea are expected to grow rapidly over the next few years. Furthermore, the significant

growth of the market in this sector is due to the increasing use of digitization and other modern technologies such as 3D printing in the manufacturing of medical equipment.

Global Medical Engineered Materials is further segmented by region into:

North America Market Size, Share, Trends, Opportunities, Y-o-Y Growth, CAGR – United States and Canada

Latin America Market Size, Share, Trends, Opportunities, Y-o-Y Growth, CAGR – Mexico, Argentina, Brazil, and Rest of Latin America

Europe Market Size, Share, Trends, Opportunities, Y-o-Y Growth, CAGR – United Kingdom, France, Germany, Italy, Spain, Belgium, Hungary, Luxembourg, Netherlands, Poland, NORDIC, Russia, Turkey, and Rest of Europe

Asia Pacific Market Size, Share, Trends, Opportunities, Y-o-Y Growth, CAGR – India, China, South Korea, Japan, Malaysia, Indonesia, New Zealand, Australia, and Rest of APAC

Middle East and Africa Market Size, Share, Trends, Opportunities, Y-o-Y Growth, CAGR – North Africa, Israel, GCC, South Africa, and Rest of MENA

Global Medical Engineered Materials report also contains analysis on:

Medical Engineered Materials Segments:

By Type

Plastic

Foam

Film

Adhesive

Others

By Application

Medical Disposables

Medical Devices

Medical Wearables

Medical Woundcare

Medical Engineered Materials Dynamics

Medical Engineered Materials Size

Supply & Demand

Current Trends/Issues/Challenges

Competition & Companies Involved in the Market

Value Chain of the Market

Market Drivers and Restraints

Medical Engineered Materials Market Report Scope and Segmentation

Report Attribute Details

Market size value in 2020 USD 19.1 billion

Revenue forecast in 2030 USD 57.2 billion

Growth Rate CAGR of 15.4% from 2021 to 2030

Base year for estimation 2020

Quantitative units Revenue in USD million and CAGR from 2021 to 2030

Report coverage Revenue forecast, company ranking, competitive landscape, growth factors, and trends

Segments covered Type, Application, and Region

Regional scope North America, Europe, Asia Pacific, Latin America, Middle East & Africa (MEA)

Key companies profiled BASF, Evonik, Covestro, Solvay, SABIC, Trelleborg AB, DSM, Celanese, DuPont, and Other Prominent Players.

Contents

1. EXECUTIVE SUMMARY

2. GLOBAL MEDICAL ENGINEERED MATERIALS MARKET

- 2.1. Product Overview
- 2.2. Market Definition
- 2.3. Segmentation
- 2.4. Assumptions and Acronyms

3. RESEARCH METHODOLOGY

- 3.1. Research Objectives
- 3.2. Primary Research
- 3.3. Secondary Research
- 3.4. Forecast Model
- 3.5. Market Size Estimation

4. AVERAGE PRICING ANALYSIS

5. MACRO-ECONOMIC INDICATORS

6. MARKET DYNAMICS

- 6.1. Growth Drivers
- 6.2. Restraints
- 6.3. Opportunity
- 6.4. Trends

7. CORRELATION & REGRESSION ANALYSIS

- 7.1. Correlation Matrix
- 7.2. Regression Matrix

8. RECENT DEVELOPMENT, POLICIES & REGULATORY LANDSCAPE

9. RISK ANALYSIS

9.1. Demand Risk Analysis

9.2. Supply Risk Analysis

10. GLOBAL MEDICAL ENGINEERED MATERIALS MARKET ANALYSIS

10.1. Porters Five Forces

10.1.1. Threat of New Entrants

10.1.2. Bargaining Power of Suppliers

10.1.3. Threat of Substitutes

10.1.4. Rivalry

10.2. PEST Analysis

10.2.1. Political

10.2.2. Economic

10.2.3. Social

10.2.4. Technological

11. GLOBAL MEDICAL ENGINEERED MATERIALS MARKET

11.1. Market Size & forecast, 2020A-2030F

11.1.1. By Value (USD Million) 2020-2030F; Y-o-Y Growth (%) 2021-2030F

11.1.2. By Volume (Million Units) 2020-2030F; Y-o-Y Growth (%) 2021-2030F

12. GLOBAL MEDICAL ENGINEERED MATERIALS MARKET: MARKET SEGMENTATION

12.1. By Regions

12.1.1. North America:(U.S. and Canada), By Value (USD Million) 2020-2030F; Y-o-Y Growth (%) 2021-2030F

12.1.2. Latin America: (Brazil, Mexico, Argentina, Rest of Latin America), By Value (USD Million) 2020-2030F; Y-o-Y Growth (%) 2021-2030F

12.1.3. Europe: (Germany, UK, France, Italy, Spain, BENELUX, NORDIC, Hungary, Poland, Turkey, Russia, Rest of Europe), By Value (USD Million) 2020-2030F; Y-o-Y Growth (%) 2021-2030F

12.1.4. Asia-Pacific: (China, India, Japan, South Korea, Indonesia, Malaysia, Australia, New Zealand, Rest of Asia Pacific), By Value (USD Million) 2020-2030F; Y-o-Y Growth (%) 2021-2030F

12.1.5. Middle East and Africa: (Israel, GCC, North Africa, South Africa, Rest of Middle East and Africa), By Value (USD Million) 2020-2030F; Y-o-Y Growth (%) 2021-2030F

12.2. By Type : Market Share (2020-2030F)

12.2.1. Plastic, By Value (USD Million) 2020-2030F; Y-o-Y Growth (%) 2021-2030F

12.2.2. Foam, By Value (USD Million) 2020-2030F; Y-o-Y Growth (%) 2021-2030F

12.2.3. Film, By Value (USD Million) 2020-2030F; Y-o-Y Growth (%) 2021-2030F

12.2.4. Adhesive, By Value (USD Million) 2020-2030F; Y-o-Y Growth (%) 2021-2030F

12.2.5. Other, By Value (USD Million) 2020-2030F; Y-o-Y Growth (%) 2021-2030F

12.3. By Application: Market Share (2020-2030F)

12.3.1. Medical Disposables, By Value (USD Million) 2020-2030F; Y-o-Y Growth (%) 2021-2030F

12.3.2. Medical Devices, By Value (USD Million) 2020-2030F; Y-o-Y Growth (%) 2021-2030F

12.3.3. Medical Wearables, By Value (USD Million) 2020-2030F; Y-o-Y Growth (%) 2021-2030F

12.3.4. Medical Woundcare, By Value (USD Million) 2020-2030F; Y-o-Y Growth (%) 2021-2030F

Company Profile

1. BASF

1. COMPANY OVERVIEW

2. COMPANY TOTAL REVENUE (FINANCIALS)

3. MARKET POTENTIAL

4. GLOBAL PRESENCE

5. KEY PERFORMANCE INDICATORS

6. SWOT ANALYSIS

7. PRODUCT LAUNCH

2. EVONIK

3. COVESTRO

4. SOLVAY

5. SABIC**6. TRELLEBORG AB****7. DSM****8. CELANESE****9. DUPONT****10. OTHER PROMINENT PLAYERS**

Consultant Recommendation

**The above-given segmentations and companies could be subjected to further modification based on in-depth feasibility studies conducted for the final deliverable.

I would like to order

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