

Microcellular Plastics Market By Type (Polystyrene (PS), Polyvinyl Chloride (PVC), Polycarbonate (PC), Polyethylene Terephthalate (PET), Polyurethane (PU), Others), By End User (Healthcare, Building and Construction, Food Packaging, Electrical and Electronics, Others): Global Opportunity Analysis and Industry Forecast, 2021-2031

Market Report | 2023-02-01 | 300 pages | Allied Market Research

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Report description:

The global microcellular plastics market was valued at \$47.6 billion in 2021, and is projected to reach \$93.0 billion by 2031, growing at a CAGR of 7.1% from 2022 to 2031.

Microcellular plastic is a type of thermoplastic polymer that has a large number of tiny bubbles and is characterized by a great number of cell densities. Microcellular plastics are manufactured utilizing environmentally friendly gases such as nitrogen and carbon dioxide, which are predicted to minimize the usage of traditional plastic foam techniques, which emit a high level of toxic emissions. Other properties include thermal insulation, sound insulation, cushion, energy absorption, filtration, selective light transmission, diffusion, and tissue engineering scaffolds, making the product competitive with microcellular plastics.

The microcellular plastics market is segmented into type, end-use industry, and region. On the basis of type, the market is categorized into polystyrene, polyvinyl chloride, polycarbonate, polyethylene terephthalate and others. On the basis of end-use industry, it is categorized into healthcare, building & construction, food packaging, electrical & electronics, and others.

Region-wise, the market is studied across North America, Europe, Asia-Pacific, and LAMEA.

Growth drivers, restraints, and opportunities are explained in the report to better understand the market dynamics. This report further highlights key areas of investment. In addition, it includes Porter's five forces analysis to understand the competitive scenario of the industry and the role of each stakeholder. Value chain analysis for this industry, which includes R&D, components manufacturers, assembly, programming & testing, marketing & sales, customers, and post-sales services, is explained. The report features strategies adopted by key market players to maintain their foothold in the market. Furthermore, it highlights the competitive landscape of the key players to increase their market share and sustain the intense competition in the industry. In addition, the report covers profiles of key industry participants such as Armacell, BASF SE, Formosa Plastics Corporation, INEOS,

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INOAC CORPORATION, LAVERGNE, Inc., RTP Company, SABIC, TotalEnergies, and Trinseo.

Key Benefits For Stakeholders

- This report provides a quantitative analysis of the market segments, current trends, estimations, and dynamics of the microcellular plastics market analysis from 2021 to 2031 to identify the prevailing microcellular plastics market opportunities.
- The market research is offered along with information related to key drivers, restraints, and opportunities.
- Porter's five forces analysis highlights the potency of buyers and suppliers to enable stakeholders make profit-oriented business decisions and strengthen their supplier-buyer network.
- In-depth analysis of the microcellular plastics market segmentation assists to determine the prevailing market opportunities.
- Major countries in each region are mapped according to their revenue contribution to the global market.
- Market player positioning facilitates benchmarking and provides a clear understanding of the present position of the market players.
- The report includes the analysis of the regional as well as global microcellular plastics market trends, key players, market segments, application areas, and market growth strategies.

Key Market Segments

By Type

- Polystyrene (PS)
- Polyvinyl Chloride (PVC)
- Polycarbonate (PC)
- Polyethylene Terephthalate (PET)
- Polyurethane (PU)
- Others

By End User

- Healthcare
- Building and Construction
- Food Packaging
- Electrical and Electronics
- Others

By Region

- North America
- U.S.
- Canada
- Mexico
- Europe
- Germany
- France
- Italy
- UK
- Spain
- Rest of Europe
- Asia-Pacific
- China
- India
- Japan
- South Korea
- Australia
- Rest of Asia-Pacific
- LAMEA

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- Brazil
- Saudi Arabia
- South Africa
- Rest of LAMEA
- Key Market Players
- Trinseo
- Armacell
- Formosa Plastics Corporation
- TotalEnergies SE
- BASF SE
- LAVERGNE, Inc.
- RTP company
- SABIC
- INEOS
- INOAC CORPORATION

Table of Contents:

CHAPTER 1: INTRODUCTION

- 1.1. Report description
- 1.2. Key market segments
- 1.3. Key benefits to the stakeholders
- 1.4. Research Methodology
 - 1.4.1. Primary research
 - 1.4.2. Secondary research
 - 1.4.3. Analyst tools and models

CHAPTER 2: EXECUTIVE SUMMARY

- 2.1. CXO Perspective

CHAPTER 3: MARKET OVERVIEW

- 3.1. Market definition and scope
- 3.2. Key findings
 - 3.2.1. Top impacting factors
 - 3.2.2. Top investment pockets
- 3.3. Porter's five forces analysis
 - 3.3.1. Bargaining power of suppliers
 - 3.3.2. Bargaining power of buyers
 - 3.3.3. Threat of substitutes
 - 3.3.4. Threat of new entrants
 - 3.3.5. Intensity of rivalry
- 3.4. Market dynamics
 - 3.4.1. Drivers
 - 3.4.1.1. Increase in demand for microcellular plastics in the building and construction industry
 - 3.4.1.2. Rise in demand from the electrical and electronics industry
 - 3.4.2. Restraints
 - 3.4.2.1. Availability of alternatives
 - 3.4.3. Opportunities

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3.4.3.1. Increase in consumption of packaged food associated with polystyrene

3.5. COVID-19 Impact Analysis on the market

3.6. Patent Landscape

3.7. Pricing Analysis

CHAPTER 4: MICROCELLULAR PLASTICS MARKET, BY TYPE

4.1. Overview

4.1.1. Market size and forecast

4.2. Polystyrene (PS)

4.2.1. Key market trends, growth factors and opportunities

4.2.2. Market size and forecast, by region

4.2.3. Market share analysis by country

4.3. Polyvinyl Chloride (PVC)

4.3.1. Key market trends, growth factors and opportunities

4.3.2. Market size and forecast, by region

4.3.3. Market share analysis by country

4.4. Polycarbonate (PC)

4.4.1. Key market trends, growth factors and opportunities

4.4.2. Market size and forecast, by region

4.4.3. Market share analysis by country

4.5. Polyethylene Terephthalate (PET)

4.5.1. Key market trends, growth factors and opportunities

4.5.2. Market size and forecast, by region

4.5.3. Market share analysis by country

4.6. Polyurethane (PU)

4.6.1. Key market trends, growth factors and opportunities

4.6.2. Market size and forecast, by region

4.6.3. Market share analysis by country

4.7. Others

4.7.1. Key market trends, growth factors and opportunities

4.7.2. Market size and forecast, by region

4.7.3. Market share analysis by country

CHAPTER 5: MICROCELLULAR PLASTICS MARKET, BY END USER

5.1. Overview

5.1.1. Market size and forecast

5.2. Healthcare

5.2.1. Key market trends, growth factors and opportunities

5.2.2. Market size and forecast, by region

5.2.3. Market share analysis by country

5.3. Building and Construction

5.3.1. Key market trends, growth factors and opportunities

5.3.2. Market size and forecast, by region

5.3.3. Market share analysis by country

5.4. Food Packaging

5.4.1. Key market trends, growth factors and opportunities

5.4.2. Market size and forecast, by region

5.4.3. Market share analysis by country

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5.5. Electrical and Electronics

5.5.1. Key market trends, growth factors and opportunities

5.5.2. Market size and forecast, by region

5.5.3. Market share analysis by country

5.6. Others

5.6.1. Key market trends, growth factors and opportunities

5.6.2. Market size and forecast, by region

5.6.3. Market share analysis by country

CHAPTER 6: MICROCELLULAR PLASTICS MARKET, BY REGION

6.1. Overview

6.1.1. Market size and forecast By Region

6.2. North America

6.2.1. Key trends and opportunities

6.2.2. Market size and forecast, by Type

6.2.3. Market size and forecast, by End User

6.2.4. Market size and forecast, by country

6.2.4.1. U.S.

6.2.4.1.1. Key market trends, growth factors and opportunities

6.2.4.1.2. Market size and forecast, by Type

6.2.4.1.3. Market size and forecast, by End User

6.2.4.2. Canada

6.2.4.2.1. Key market trends, growth factors and opportunities

6.2.4.2.2. Market size and forecast, by Type

6.2.4.2.3. Market size and forecast, by End User

6.2.4.3. Mexico

6.2.4.3.1. Key market trends, growth factors and opportunities

6.2.4.3.2. Market size and forecast, by Type

6.2.4.3.3. Market size and forecast, by End User

6.3. Europe

6.3.1. Key trends and opportunities

6.3.2. Market size and forecast, by Type

6.3.3. Market size and forecast, by End User

6.3.4. Market size and forecast, by country

6.3.4.1. Germany

6.3.4.1.1. Key market trends, growth factors and opportunities

6.3.4.1.2. Market size and forecast, by Type

6.3.4.1.3. Market size and forecast, by End User

6.3.4.2. France

6.3.4.2.1. Key market trends, growth factors and opportunities

6.3.4.2.2. Market size and forecast, by Type

6.3.4.2.3. Market size and forecast, by End User

6.3.4.3. Italy

6.3.4.3.1. Key market trends, growth factors and opportunities

6.3.4.3.2. Market size and forecast, by Type

6.3.4.3.3. Market size and forecast, by End User

6.3.4.4. UK

6.3.4.4.1. Key market trends, growth factors and opportunities

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- 6.3.4.4.2. Market size and forecast, by Type
- 6.3.4.4.3. Market size and forecast, by End User
- 6.3.4.5. Spain
 - 6.3.4.5.1. Key market trends, growth factors and opportunities
 - 6.3.4.5.2. Market size and forecast, by Type
 - 6.3.4.5.3. Market size and forecast, by End User
- 6.3.4.6. Rest of Europe
 - 6.3.4.6.1. Key market trends, growth factors and opportunities
 - 6.3.4.6.2. Market size and forecast, by Type
 - 6.3.4.6.3. Market size and forecast, by End User
- 6.4. Asia-Pacific
 - 6.4.1. Key trends and opportunities
 - 6.4.2. Market size and forecast, by Type
 - 6.4.3. Market size and forecast, by End User
 - 6.4.4. Market size and forecast, by country
 - 6.4.4.1. China
 - 6.4.4.1.1. Key market trends, growth factors and opportunities
 - 6.4.4.1.2. Market size and forecast, by Type
 - 6.4.4.1.3. Market size and forecast, by End User
 - 6.4.4.2. India
 - 6.4.4.2.1. Key market trends, growth factors and opportunities
 - 6.4.4.2.2. Market size and forecast, by Type
 - 6.4.4.2.3. Market size and forecast, by End User
 - 6.4.4.3. Japan
 - 6.4.4.3.1. Key market trends, growth factors and opportunities
 - 6.4.4.3.2. Market size and forecast, by Type
 - 6.4.4.3.3. Market size and forecast, by End User
 - 6.4.4.4. South Korea
 - 6.4.4.4.1. Key market trends, growth factors and opportunities
 - 6.4.4.4.2. Market size and forecast, by Type
 - 6.4.4.4.3. Market size and forecast, by End User
 - 6.4.4.5. Australia
 - 6.4.4.5.1. Key market trends, growth factors and opportunities
 - 6.4.4.5.2. Market size and forecast, by Type
 - 6.4.4.5.3. Market size and forecast, by End User
 - 6.4.4.6. Rest of Asia-Pacific
 - 6.4.4.6.1. Key market trends, growth factors and opportunities
 - 6.4.4.6.2. Market size and forecast, by Type
 - 6.4.4.6.3. Market size and forecast, by End User
- 6.5. LAMEA
 - 6.5.1. Key trends and opportunities
 - 6.5.2. Market size and forecast, by Type
 - 6.5.3. Market size and forecast, by End User
 - 6.5.4. Market size and forecast, by country
 - 6.5.4.1. Brazil
 - 6.5.4.1.1. Key market trends, growth factors and opportunities
 - 6.5.4.1.2. Market size and forecast, by Type

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- 6.5.4.1.3. Market size and forecast, by End User
- 6.5.4.2. Saudi Arabia
 - 6.5.4.2.1. Key market trends, growth factors and opportunities
 - 6.5.4.2.2. Market size and forecast, by Type
 - 6.5.4.2.3. Market size and forecast, by End User
- 6.5.4.3. South Africa
 - 6.5.4.3.1. Key market trends, growth factors and opportunities
 - 6.5.4.3.2. Market size and forecast, by Type
 - 6.5.4.3.3. Market size and forecast, by End User
- 6.5.4.4. Rest of LAMEA
 - 6.5.4.4.1. Key market trends, growth factors and opportunities
 - 6.5.4.4.2. Market size and forecast, by Type
 - 6.5.4.4.3. Market size and forecast, by End User

CHAPTER 7: COMPETITIVE LANDSCAPE

- 7.1. Introduction
- 7.2. Top winning strategies
- 7.3. Product Mapping of Top 10 Player
- 7.4. Competitive Dashboard
- 7.5. Competitive Heatmap
- 7.6. Top player positioning, 2021

CHAPTER 8: COMPANY PROFILES

- 8.1. INEOS
 - 8.1.1. Company overview
 - 8.1.2. Key Executives
 - 8.1.3. Company snapshot
 - 8.1.4. Operating business segments
 - 8.1.5. Product portfolio
 - 8.1.6. Business performance
 - 8.1.7. Key strategic moves and developments
- 8.2. TotalEnergies SE
 - 8.2.1. Company overview
 - 8.2.2. Key Executives
 - 8.2.3. Company snapshot
 - 8.2.4. Operating business segments
 - 8.2.5. Product portfolio
 - 8.2.6. Business performance
- 8.3. Trinseo
 - 8.3.1. Company overview
 - 8.3.2. Key Executives
 - 8.3.3. Company snapshot
 - 8.3.4. Operating business segments
 - 8.3.5. Product portfolio
 - 8.3.6. Business performance
- 8.4. INOAC CORPORATION
 - 8.4.1. Company overview
 - 8.4.2. Key Executives
 - 8.4.3. Company snapshot

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- 8.4.4. Operating business segments
- 8.4.5. Product portfolio
- 8.5. LAVERGNE, Inc.
 - 8.5.1. Company overview
 - 8.5.2. Key Executives
 - 8.5.3. Company snapshot
 - 8.5.4. Operating business segments
 - 8.5.5. Product portfolio
- 8.6. Formosa Plastics Corporation
 - 8.6.1. Company overview
 - 8.6.2. Key Executives
 - 8.6.3. Company snapshot
 - 8.6.4. Operating business segments
 - 8.6.5. Product portfolio
- 8.7. SABIC
 - 8.7.1. Company overview
 - 8.7.2. Key Executives
 - 8.7.3. Company snapshot
 - 8.7.4. Operating business segments
 - 8.7.5. Product portfolio
 - 8.7.6. Business performance
- 8.8. BASF SE
 - 8.8.1. Company overview
 - 8.8.2. Key Executives
 - 8.8.3. Company snapshot
 - 8.8.4. Operating business segments
 - 8.8.5. Product portfolio
 - 8.8.6. Business performance
- 8.9. Armacell
 - 8.9.1. Company overview
 - 8.9.2. Key Executives
 - 8.9.3. Company snapshot
 - 8.9.4. Operating business segments
 - 8.9.5. Product portfolio
- 8.10. RTP company
 - 8.10.1. Company overview
 - 8.10.2. Key Executives
 - 8.10.3. Company snapshot
 - 8.10.4. Operating business segments
 - 8.10.5. Product portfolio

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