

Polymeric Foams: Global Markets

<https://marketpublishers.com/r/P1C3242B9DEFEN.html>

Date: May 2022

Pages: 182

Price: US\$ 5,500.00 (Single User License)

ID: P1C3242B9DEFEN

Abstracts

Report Scope:

The report takes a general outlook of the polymeric foams market. It examines industry standards, government and industry support, and other factors related to the success of polymeric foams. This report segments the market into major sub-segments like resin family and application. In-depth study of the most important technological, economic, political and environmental considerations in the polymeric foams industry are also included.

This report covers the global market for polymeric foams and analyzes global market trends, with the base year as 2021 and estimated compound annual growth rates (CAGR) for 2022 and 2027. Sales values are presented in U.S. dollars. Estimated values used are based on manufacturers' total revenues.

The study also discusses market dynamics such as drivers, restraints, opportunities and challenges. It further examines new and emerging trends and their impact on current and future market dynamics.

Report Includes:

47 data tables and 13 additional tables

An overview of the global markets for polymeric foams

Estimation of the market size and analyses of market trends, with data from 2021, estimates for 2022 with projections of compound annual growth rates (CAGRs) through 2027

Characterization and quantification of market potential for polymeric foams by technology, applications, resin family and region

Description of plastic resin chemistry, manufacturing, and properties; information on conventional polymer foam technology including polyolefin foam processes and polystyrene foam processes

Information on environmental laws and regulations, and the 1990 Clean Air Act Amendment, and discussion on CFC- and HCFC-replacement issues

Identification of market drivers, restraints and other forces impacting the global market and evaluation of current market trends, market size, and market forecast

Market share analysis of the key companies of the industry and coverage of events like mergers & acquisitions, joint ventures, collaborations or partnerships, and other key market strategies and a relevant patent analysis

Company profiles of major industry players, including Arkema, BASF SE, Covestro AG, Dow Chemical Co., Evonik Industries AG, Saint-Gobain and Toray Industries, Inc.

Contents

CHAPTER 1 INTRODUCTION

Study Goals and Objectives
Reasons for Doing This Study
What's New in This Update?
Scope of Report
Methodology and Information Sources
Geographic Breakdown
Analyst's Credentials
BCC Custom Research
Related BCC Research Reports

CHAPTER 2 SUMMARY AND HIGHLIGHTS

CHAPTER 3 MARKET OVERVIEW

Petrochemical and Plastic Resin Industries
Petrochemicals
Plastic Resins
Polymeric Foams
Structural Foams
Competitive Foam Materials and Products

CHAPTER 4 POLYMER FOAMS MARKET BY RESIN FAMILY

Overall Market Estimate and Forecast
Post-Pandemic Market Recovery
Blowing Agents
Physical Blowing Agents
CFCs, HCFCs and HFCs
Chemical Blowing Agents
Polyolefin Foams
Polyolefin Foam Market Estimate and Forecast
Resins and Processes
Properties and Applications
Cross-Linked Polyolefin Foams
Polystyrene Foams

XPS and EPS Foams Compared
Polystyrene Foam Market Estimate and Forecast
Extruded Polystyrene (XPS) Foam Sheet
XPS Foam Sheet Blowing Agents
Extruded Polystyrene (XPS) Expanded Board
XPS Foam Board Blowing Agents
Expandable Polystyrene (EPS) Beads
EPS Bead Blowing Agents
Polyurethane Foams
Raw Materials Demand and Use
Polyurethane Foam Market Analysis and Forecast
Polyvinyl Chloride (PVC) Foams
PVC Foam Market Estimate and Forecast
Resins and Processes
Properties and Applications
Other Polymeric Foams and Competing Materials
Market Estimate and Forecast
Phenolic Foams
Structural Foams
Fluoropolymer Foams
Competitive Materials

CHAPTER 5 MARKET BREAKDOWN BY APPLICATION

Overall Market Estimate and Forecast
Appliance Insulation
Alternative Blowing Agents
Building and Construction
Electrical and Electronics
Furniture and Furnishings
Medical Applications
Packaging
Transportation
Miscellaneous Other Markets and Applications

CHAPTER 6 TECHNOLOGY OVERVIEW

Plastic Resin Chemistry, Manufacture and Properties
Polymeric Foam Properties and Characteristics

Mechanical Properties
Chemical Properties
Electrical Properties
Acoustical Properties
Light Penetration
Safety and Health Issues
Conventional Polymer Foam Technology
Polyolefin Foam Processes
Polystyrene Foam Processes
Polyurethane Foam Chemistry and Processes
Developments in Polymer Foam Technology
New Blowing Agents
Microcellular Foams
Polymer Recycling Technology
Conventional (Mechanical or Physical) Recycling
Advanced (Chemical) Recycling
Polyurethane Recycling Technologies

CHAPTER 7 INDUSTRY STRUCTURE AND COMPETITIVE ANALYSIS

Trends in the Plastic Resins Industry
Structure of the Polymeric Foams Industry
Blowing Agent Suppliers
Physical Blowing Agents
Chemical Blowing Agents
Plastic Resin Suppliers
Polyurethane Raw Material Suppliers
Isocyanates
Polyols
Polyurethane Foam System Suppliers
Foam Fabricators and Molders
Strategic Steps Undertaken by Key Players
Trends
Environmental Aspects

CHAPTER 8 ENVIRONMENTAL, REGULATORY AND PUBLIC POLICY ISSUES

Foam Packaging Issues
Food Service

Protective Shipping Products
CFC- and HCFC-Replacement Issues
Ozone Depletion
Chronology of Major Events
Clean Air Act and Amendments
Sherwood-Molina
United Nations Environment Programme
Montreal Protocol
Action by the U.S. EPA
1990 Clean Air Act Amendment
CFC Ban
Ozone-Depletion Potential
Options Available for HCFC Reduction and Replacement
Greenhouse Gases
Foam Recycling and Recovery
Polystyrene Foam
Polyurethane Foam
Performance Standards
Thermal Insulating Standards (R-Values)
Compressive Strength, Dimensional Stability
Polymer Foam Health and Safety Issues
Flammability
Toxicity
Environmental Laws and Regulations
International
Europe
U.S.
Public Perceptions

CHAPTER 9 COMPANY PROFILES

ARKEMA INC.
ARMACELL INTERNATIONAL S.A.
BASF SE
BOREALIS AG
COVESTRO AG
DOW CHEMICAL CO.
EVONIK INDUSTRIES AG
GREINER GROUP AG

HUNTSMAN INTERNATIONAL LLC
JSP CORP.
RECTICEL NV/SA
ROGERS CORP.
SABIC
SAINT-GOBAIN PERFORMANCE PLASTICS
SEALED AIR CORP.
TORAY INDUSTRIES, INC.
TOSOH CORP.
WANHUA CHEMICAL GROUP CO., LTD.
ZOTEFOAMS PLC

CHAPTER 10 APPENDIX: ABBREVIATIONS

List Of Tables

LIST OF TABLES

Summary Table: Global Market for Polymeric Foam, by Resin Type, Through 2027

Table 1: U.S. Chemical Industry Shipments, Market Value, 2021 and 2022

Table 2: U.S. Thermoplastic Production and Sales, 2019 and 2020

Table 3: Global Market for Polymeric Foam, by Resin Type, Through 2027

Table 4: Global Market for Polymeric Foam, by Region, Through 2027

Table 5: World Economic Outlook

Table 6: Foam Products/Applications Blown with Fluorocarbons

Table 7: Typical Use of Exothermic Chemical Blowing Agents, by Resin

Table 8: Operating Temperature Ranges for Exothermic Blowing Agents

Table 9: Applications for Exothermic Blowing Agents

Table 10: Global Market for Polyolefin Foam, by Application, Through 2027

Table 11: Global Market for Polyolefin Foam, by Region, Through 2027

Table 12: Global Market for Polystyrene Foam, by Type and Application, Through 2027

Table 13: Global Market for Polystyrene Foam, by Region, Through 2027

Table 14: Global Market for Polyurethane Foam, by Material, Through 2027

Table 15: Global Market for Polyurethane Foam, by Type and Application, Through 2027

Table 16: Global Market for Polyurethane Foam, by Region, Through 2027

Table 17: Global Market for Polyvinyl Chloride Foam, by Type and Application, Through 2027

Table 18: Global Market for Polyvinyl Chloride Foam, by Region, Through 2027

Table 19: Major Markets for PVC Foams, by Process and Application

Table 20: Global Market for Other Foams, by Application, Through 2027

Table 21: Global Market for Other Foams, by Region, Through 2027

Table 22: Comparison of Cushioning Materials by Performance Factor

Table 23: Categories and Products that Typically Require Protective Packaging

Table 24: Polyethylene Foam vs. Foam-In-Place Polyurethane Foam for Electronic Product Packaging

Table 25: Global Market for Polymeric Foam, by Application, Through 2027

Table 26: Global Market for Polymeric Foam in Appliance Insulation, by Resin Type, Through 2027

Table 27: Global Market for Polymeric Foam in Building and Construction, by Resin Type, Through 2027

Table 28: Typical Thermal Insulation R-Values

Table 29: Global Market for Polymeric Foam in Electrical and Electronics Applications,

by Resin Type, Through 2027

Table 30: Global Market for Polymeric Foam in Furniture and Furnishings Applications, by Resin Type, Through 2027

Table 31: Global Market for Polymeric Foam in Medical Applications, by Resin Type, Through 2027

Table 32: Global Market for Polymeric Foam in Packaging Applications, by Resin Type, Through 2027

Table 33: Global Market for Polymeric Foam in Transportation Applications, by Resin Type, Through 2027

Table 34: Global Market for Polymeric Foam in Miscellaneous Other Applications, by Resin Type, Through 2027

Table 35: Polyurethane Foam-Polyol Dependency Based on Polyol Equivalent Weight and Functionality

Table 36: Strategic Moves Taken by Key Players in the Global Polymeric Foams Market, 2019–Mar. 2022

Table 37: Technical Options for Plastic Foam Processors for Replacement of HCFCs as Blowing Agents

Table 38: Potential for Ozone Depletion and Global Warming, by Compound

Table 39: Potential Hazards of Polyurethane Foam Components

Table 40: Quota Management

Table 41: Arkema: Revenue, 2020 and 2021

Table 42: Armacell International: Revenue, 2020 and 2021

Table 43: BASF SE: Revenue, 2020 and 2021

Table 44: Borealis AG: Revenue, 2020 and 2021

Table 45: Covestro AG: Revenue, 2020 and 2021

Table 46: Dow Chemical Co.: Revenue, 2020 and 2021

Table 47: Evonik Industries AG: Revenue, 2020 and 2021

Table 48: Greiner AG: Revenue, 2020 and 2021

Table 49: Huntsman International LLC: Revenue, 2020 and 2021

Table 50: JSP Corp.: Revenue, 2020 and 2021

Table 51: Recticel NV: Revenue, 2020 and 2021

Table 52: Rogers Corp.: Revenue, 2020 and 2021

Table 53: Sabic: Revenue, 2020 and 2021

Table 54: Saint-Gobain: Revenue, 2020 and 2021

Table 55: Sealed Air Corp.: Revenue, 2020 and 2021

Table 56: Toray Industries: Revenue, 2020 and 2021

Table 57: Wanhua Chemical Group: Revenue, 2020 and 2021

Table 58: Zotefoams: Revenue, 2020 and 2021

Table 59: Abbreviations Used in This Report

List Of Figures

LIST OF FIGURES

Summary Figure: Global Market for Polymeric Foam, by Resin Type, 2021-2027

Figure 1: Global Market Share for Polymeric Foam, by Resin Type, 2021

Figure 2: Global Market Share for Polymeric Foam, by Region, 2021

Figure 3: Global Market Share for Polyolefin Foam, by Application, 2021

Figure 4: Global Market Share for Polyolefin Foam, by Region, 2021

Figure 5: Global Market Share for Polystyrene Foam, by Type and Application, 2021

Figure 6: Global Market Share for Polystyrene Foam, by Region, 2021

Figure 7: Global Market Share for Polyurethane Foam, by Material, 2027

Figure 8: Global Market Share for Polyurethane Foam, by Type and Application, 2027

Figure 9: Global Market Share for Polyurethane Foam, by Region, 2021

Figure 10: Global Market Share for Polyvinyl Chloride Foam, by Type and Application, 2027

Figure 11: Global Market Share for Polyvinyl Chloride Foam, by Region, 2021

Figure 12: Global Market Share for Other Foams, by Application, 2027

Figure 13: Global Market Share for Other Foams, by Region, 2021

Figure 14: Global Market Share for Polymeric Foam, by Application, 2021

Figure 15: Global Market Share for Polymeric Foam in Appliances, by Resin Type, 2021

Figure 16: Global Market Share for Polymeric Foam in Building and Construction, by Resin Type, 2021

Figure 17: Global Market Share for Polymeric Foam in Electrical and Electronics Applications, by Resin Type, 2021

Figure 18: Global Market Share for Polymeric Foam in Furniture and Furnishings Applications, by Resin Type, 2021

Figure 19: Global Market Share for Polymeric Foam in Medical Applications, by Resin Type, 2021

Figure 20: Global Market Share for Polymeric Foam in Packaging Application, by Resin Type, 2021

Figure 21: Global Market Share for Polymeric Foam in Transportation Applications, by Resin Type, 2021

Figure 22: Global Market Share for Polymeric Foam in Miscellaneous Other Applications, by Resin Type, 2021

I would like to order

Product name: Polymeric Foams: Global Markets

Product link: <https://marketpublishers.com/r/P1C3242B9DEFEN.html>

Price: US\$ 5,500.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/P1C3242B9DEFEN.html>

To pay by Wire Transfer, please, fill in your contact details in the form below:

First name:
Last name:
Email:
Company:
Address:
City:
Zip code:
Country:
Tel:
Fax:
Your message:

****All fields are required**

Customer signature _____

Please, note that by ordering from marketpublishers.com you are agreeing to our Terms & Conditions at <https://marketpublishers.com/docs/terms.html>

To place an order via fax simply print this form, fill in the information below and fax the completed form to +44 20 7900 3970