

Global Porous Glass Market Research Report 2024(Status and Outlook)

<https://marketpublishers.com/r/GDAC5F569984EN.html>

Date: December 2024

Pages: 159

Price: US\$ 2,800.00 (Single User License)

ID: GDAC5F569984EN

Abstracts

Report Overview

Porous glass is a specialized type of glass material characterized by its unique structure that contains interconnected pores or voids. This porosity imparts distinctive properties such as high surface area, low density, and thermal insulation, making it suitable for various applications across industries. Porous glass is positioned as a niche material with growing demand driven by its diverse utility in sectors like healthcare, electronics, energy, and environmental protection.

The current market size of porous glass stands at approximately USD 70 million in 2023, with a projected Compound Annual Growth Rate (CAGR) of 6.75% from 2024 to 2032. This growth trajectory is underpinned by several key drivers and market forces. One prominent factor is the increasing adoption of porous glass in advanced drug delivery systems in the pharmaceutical industry due to its controlled release properties. Additionally, the expanding application scope in water purification technologies and catalytic converters for automotive emissions control is bolstering market growth.

Analyzing market trends reveals several noteworthy developments shaping the porous glass industry. Firstly, the rising focus on sustainable manufacturing practices has led to the development of eco-friendly porous glass materials that align with environmental regulations. For instance, the use of recycled glass in porous glass production is gaining traction, reflecting a broader industry shift towards sustainability. This trend is reinforced by the growing consumer preference for environmentally conscious products, thereby driving the demand for sustainable porous glass solutions.

Another significant trend is the integration of porous glass in advanced energy storage

systems, particularly in lithium-ion batteries. Porous glass separators enhance battery performance by improving ion conductivity and safety, addressing key challenges in the energy storage sector. This trend is further fueled by the increasing demand for electric vehicles and renewable energy storage solutions, underscoring the pivotal role of porous glass in advancing clean energy technologies.

Moreover, the emergence of innovative applications such as 3D cell culture scaffolds in biotechnology and porous glass microspheres in oil and gas exploration signifies the expanding versatility of porous glass across diverse industries. These evolving trends underscore the dynamic nature of the porous glass market, driven by continuous research and development efforts to unlock new opportunities and address evolving market demands.

In terms of regional market distribution, leading markets for porous glass include North America, Europe, and Asia Pacific. The dominance of these regions can be attributed to factors such as technological advancements, robust R&D infrastructure, and high demand across key industries. North America boasts a strong presence of pharmaceutical and healthcare sectors, driving the demand for porous glass in drug delivery systems. Europe's emphasis on environmental sustainability aligns with the eco-friendly properties of porous glass, fostering its adoption in pollution control applications. Meanwhile, Asia Pacific showcases rapid industrial growth and increasing investments in healthcare and electronics, propelling the demand for porous glass in the region.

Despite the promising growth prospects, the porous glass market faces challenges such as fluctuating raw material costs, stringent regulatory requirements, and competition from alternative materials. Addressing these challenges necessitates strategic collaborations with raw material suppliers, continuous innovation in manufacturing processes, and proactive compliance with regulatory standards to maintain market competitiveness and sustain growth in the evolving landscape of porous glass applications.

This report provides a deep insight into the global Porous Glass market covering all its essential aspects. This ranges from a macro overview of the market to micro details of the market size, competitive landscape, development trend, niche market, key market drivers and challenges, SWOT analysis, value chain analysis, etc.

The analysis helps the reader to shape the competition within the industries and strategies for the competitive environment to enhance the potential profit. Furthermore, it provides a simple framework for evaluating and accessing the position of the business

organization. The report structure also focuses on the competitive landscape of the Global Porous Glass Market, this report introduces in detail the market share, market performance, product situation, operation situation, etc. of the main players, which helps the readers in the industry to identify the main competitors and deeply understand the competition pattern of the market.

In a word, this report is a must-read for industry players, investors, researchers, consultants, business strategists, and all those who have any kind of stake or are planning to foray into the Porous Glass market in any manner.

Global Porous Glass Market: Market Segmentation Analysis

The research report includes specific segments by region (country), manufacturers, Type, and Application. Market segmentation creates subsets of a market based on product type, end-user or application, Geographic, and other factors. By understanding the market segments, the decision-maker can leverage this targeting in the product, sales, and marketing strategies. Market segments can power your product development cycles by informing how you create product offerings for different segments.

Key Company

Schott

Pittsburgh Corning

GLAPOR

Earthstone

JSC Gornelglass

REFAGLASS

Zhejiang DEHO

YaHong

Huichang New Material

ZhenShen

Zhong Tai Tian Cheng

Zhengdi

ShouBang

Xin Shun Da

YongLi

Aotai

Market Segmentation (by Type)

Black (Gray) Foam Glass

White Foam Glass

Multicolor Foam Glass

Market Segmentation (by Application)

Cryogenic Systems

Heat Transfer Fluid Systems

Chemical Processing Systems

Commercial Piping and Building

Others

Geographic Segmentation

North America (USA, Canada, Mexico)

Europe (Germany, UK, France, Russia, Italy, Rest of Europe)

Asia-Pacific (China, Japan, South Korea, India, Southeast Asia, Rest of Asia-Pacific)

South America (Brazil, Argentina, Columbia, Rest of South America)

The Middle East and Africa (Saudi Arabia, UAE, Egypt, Nigeria, South Africa, Rest of MEA)

Key Benefits of This Market Research:

Industry drivers, restraints, and opportunities covered in the study

Neutral perspective on the market performance

Recent industry trends and developments

Competitive landscape & strategies of key players

Potential & niche segments and regions exhibiting promising growth covered

Historical, current, and projected market size, in terms of value

In-depth analysis of the Porous Glass Market

Overview of the regional outlook of the Porous Glass Market:

Key Reasons to Buy this Report:

Access to date statistics compiled by our researchers. These provide you with historical and forecast data, which is analyzed to tell you why your market is set to change

This enables you to anticipate market changes to remain ahead of your competitors

You will be able to copy data from the Excel spreadsheet straight into your

marketing plans, business presentations, or other strategic documents

The concise analysis, clear graph, and table format will enable you to pinpoint the information you require quickly

Provision of market value (USD Billion) data for each segment and sub-segment

Indicates the region and segment that is expected to witness the fastest growth as well as to dominate the market

Analysis by geography highlighting the consumption of the product/service in the region as well as indicating the factors that are affecting the market within each region

Competitive landscape which incorporates the market ranking of the major players, along with new service/product launches, partnerships, business expansions, and acquisitions in the past five years of companies profiled

Extensive company profiles comprising of company overview, company insights, product benchmarking, and SWOT analysis for the major market players

The current as well as the future market outlook of the industry concerning recent developments which involve growth opportunities and drivers as well as challenges and restraints of both emerging as well as developed regions

Includes in-depth analysis of the market from various perspectives through Porter's five forces analysis

Provides insight into the market through Value Chain

Market dynamics scenario, along with growth opportunities of the market in the years to come

6-month post-sales analyst support

Customization of the Report

In case of any queries or customization requirements, please connect with our sales

team, who will ensure that your requirements are met.

Chapter Outline

Chapter 1 mainly introduces the statistical scope of the report, market division standards, and market research methods.

Chapter 2 is an executive summary of different market segments (by region, product type, application, etc), including the market size of each market segment, future development potential, and so on. It offers a high-level view of the current state of the Porous Glass Market and its likely evolution in the short to mid-term, and long term.

Chapter 3 makes a detailed analysis of the market's competitive landscape of the market and provides the market share, capacity, output, price, latest development plan, merger, and acquisition information of the main manufacturers in the market.

Chapter 4 is the analysis of the whole market industrial chain, including the upstream and downstream of the industry, as well as Porter's five forces analysis.

Chapter 5 introduces the latest developments of the market, the driving factors and restrictive factors of the market, the challenges and risks faced by manufacturers in the industry, and the analysis of relevant policies in the industry.

Chapter 6 provides the analysis of various market segments according to product types, covering the market size and development potential of each market segment, to help readers find the blue ocean market in different market segments.

Chapter 7 provides the analysis of various market segments according to application, covering the market size and development potential of each market segment, to help readers find the blue ocean market in different downstream markets.

Chapter 8 provides a quantitative analysis of the market size and development potential of each region and its main countries and introduces the market development, future development prospects, market space, and capacity of each country in the world.

Chapter 9 introduces the basic situation of the main companies in the market in detail, including product sales revenue, sales volume, price, gross profit margin, market share, product introduction, recent development, etc.

Chapter 10 provides a quantitative analysis of the market size and development potential of each region in the next five years.

Chapter 11 provides a quantitative analysis of the market size and development potential of each market segment (product type and application) in the next five years.

Chapter 12 is the main points and conclusions of the report.

Contents

1 RESEARCH METHODOLOGY AND STATISTICAL SCOPE

1.1 Market Definition and Statistical Scope of Porous Glass

1.2 Key Market Segments

1.2.1 Porous Glass Segment by Type

1.2.2 Porous Glass Segment by Application

1.3 Methodology & Sources of Information

1.3.1 Research Methodology

1.3.2 Research Process

1.3.3 Market Breakdown and Data Triangulation

1.3.4 Base Year

1.3.5 Report Assumptions & Caveats

2 POROUS GLASS MARKET OVERVIEW

2.1 Global Market Overview

2.1.1 Global Porous Glass Market Size (M USD) Estimates and Forecasts (2019-2032)

2.1.2 Global Porous Glass Sales Estimates and Forecasts (2019-2032)

2.2 Market Segment Executive Summary

2.3 Global Market Size by Region

2.4 Macroeconomic Analysis

3 POROUS GLASS MARKET COMPETITIVE LANDSCAPE

3.1 Global Porous Glass Sales by Manufacturers (2019-2024)

3.2 Global Porous Glass Revenue Market Share by Manufacturers (2019-2024)

3.3 Porous Glass Market Share by Company Type (Tier 1, Tier 2, and Tier 3)

3.4 Global Porous Glass Average Price by Manufacturers (2019-2024)

3.5 Manufacturers Porous Glass Sales Sites, Area Served, Product Type

3.6 Porous Glass Market Competitive Situation and Trends

3.6.1 Porous Glass Market Concentration Rate

3.6.2 Global 5 and 10 Largest Porous Glass Players Market Share by Revenue

3.6.3 Mergers & Acquisitions, Expansion

4 POROUS GLASS INDUSTRY CHAIN ANALYSIS

4.1 Porous Glass Industry Chain Analysis

- 4.2 Market Overview of Key Raw Materials
- 4.3 Midstream Market Analysis
- 4.4 Downstream Customer Analysis

5 THE DEVELOPMENT AND DYNAMICS OF POROUS GLASS MARKET

- 5.1 Key Development Trends
- 5.2 Driving Factors
- 5.3 Market Challenges
- 5.4 Market Restraints
- 5.5 Industry News
 - 5.5.1 New Product Developments
 - 5.5.2 Mergers & Acquisitions
 - 5.5.3 Expansions
 - 5.5.4 Collaboration/Supply Contracts
- 5.6 Industry Policies

6 POROUS GLASS MARKET SEGMENTATION BY TYPE

- 6.1 Evaluation Matrix of Segment Market Development Potential (Type)
- 6.2 Global Porous Glass Sales Market Share by Type (2019-2024)
- 6.3 Global Porous Glass Market Size Market Share by Type (2019-2024)
- 6.4 Global Porous Glass Price by Type (2019-2024)

7 POROUS GLASS MARKET SEGMENTATION BY APPLICATION

- 7.1 Evaluation Matrix of Segment Market Development Potential (Application)
- 7.2 Global Porous Glass Market Sales by Application (2019-2024)
- 7.3 Global Porous Glass Market Size (M USD) by Application (2019-2024)
- 7.4 Global Porous Glass Sales Growth Rate by Application (2019-2024)

8 POROUS GLASS MARKET SALES BY REGION

- 8.1 Global Porous Glass Sales by Region
 - 8.1.1 Global Porous Glass Sales by Region
 - 8.1.2 Global Porous Glass Sales Market Share by Region
- 8.2 Global Porous Glass Market Size by Region
 - 8.2.1 Global Porous Glass Market Size by Region
 - 8.2.2 Global Porous Glass Market Size Market Share by Region

8.3 North America

- 8.3.1 North America Porous Glass Sales by Country
- 8.3.2 North America Porous Glass Market Size by Country
- 8.3.3 U.S. Market Overview
- 8.3.4 Canada Market Overview
- 8.3.5 Mexico Market Overview

8.4 Europe

- 8.4.1 Europe Porous Glass Sales by Country
- 8.4.2 Europe Porous Glass Market Size by Country
- 8.4.3 Germany Market Overview
- 8.4.4 France Market Overview
- 8.4.5 U.K. Market Overview
- 8.4.6 Italy Market Overview
- 8.4.7 Russia Market Overview

8.5 Asia Pacific

- 8.5.1 Asia Pacific Porous Glass Sales by Region
- 8.5.2 China
- 8.5.3 Japan
- 8.5.4 South Korea
- 8.5.5 India
- 8.5.6 Southeast Asia

8.6 Asia Pacific

- 8.6.1 Asia Pacific Porous Glass Market Size by Region
- 8.6.2 Asia Pacific Porous Glass Market Size by Region
- 8.6.3 China
- 8.6.4 Japan
- 8.6.5 South Korea
- 8.6.6 India
- 8.6.7 Southeast Asia

8.7 South America

- 8.7.1 South America Porous Glass Sales by Country
- 8.7.2 South America Porous Glass Market Size by Country
- 8.7.3 Brazil
- 8.7.4 Argentina
- 8.7.5 Columbia

8.8 Middle East and Africa

- 8.8.1 Middle East and Africa Porous Glass Sales by Region
- 8.8.2 Middle East and Africa Porous Glass Market Size by Region
- 8.8.3 Saudi Arabia

- 8.8.4 UAE
- 8.8.5 Egypt
- 8.8.6 Nigeria
- 8.8.7 South Africa

9 POROUS GLASS MARKET PRODUCTION BY REGION

- 9.1 Global Production of Porous Glass by Region (2019-2024)
- 9.2 Global Porous Glass Revenue Market Share by Region (2019-2024)
- 9.3 Global Porous Glass Production, Revenue, Price and Gross Margin (2019-2024)
- 9.4 North America Porous Glass Production
 - 9.4.1 North America Porous Glass Production Growth Rate (2019-2024)
 - 9.4.2 North America Porous Glass Production, Revenue, Price and Gross Margin (2019-2024)
- 9.5 Europe Porous Glass Production
 - 9.5.1 Europe Porous Glass Production Growth Rate (2019-2024)
 - 9.5.2 Europe Porous Glass Production, Revenue, Price and Gross Margin (2019-2024)
- 9.6 Japan Porous Glass Production (2019-2024)
 - 9.6.1 Japan Porous Glass Production Growth Rate (2019-2024)
 - 9.6.2 Japan Porous Glass Production, Revenue, Price and Gross Margin (2019-2024)
- 9.7 China Porous Glass Production (2019-2024)
 - 9.7.1 China Porous Glass Production Growth Rate (2019-2024)
 - 9.7.2 China Porous Glass Production, Revenue, Price and Gross Margin (2019-2024)

10 KEY COMPANIES PROFILE

- 10.1 Schott
 - 10.1.1 Schott Porous Glass Basic Information
 - 10.1.2 Schott Porous Glass Product Overview
 - 10.1.3 Schott Porous Glass Product Market Performance
 - 10.1.4 Schott Business Overview
 - 10.1.5 Schott Porous Glass SWOT Analysis
 - 10.1.6 Schott Recent Developments
- 10.2 Pittsburgh Corning
 - 10.2.1 Pittsburgh Corning Porous Glass Basic Information
 - 10.2.2 Pittsburgh Corning Porous Glass Product Overview
 - 10.2.3 Pittsburgh Corning Porous Glass Product Market Performance
 - 10.2.4 Pittsburgh Corning Business Overview
 - 10.2.5 Pittsburgh Corning Porous Glass SWOT Analysis

- 10.2.6 Pittsburgh Corning Recent Developments
- 10.3 GLAPOR
 - 10.3.1 GLAPOR Porous Glass Basic Information
 - 10.3.2 GLAPOR Porous Glass Product Overview
 - 10.3.3 GLAPOR Porous Glass Product Market Performance
 - 10.3.4 GLAPOR Porous Glass SWOT Analysis
 - 10.3.5 GLAPOR Business Overview
 - 10.3.6 GLAPOR Recent Developments
- 10.4 Earthstone
 - 10.4.1 Earthstone Porous Glass Basic Information
 - 10.4.2 Earthstone Porous Glass Product Overview
 - 10.4.3 Earthstone Porous Glass Product Market Performance
 - 10.4.4 Earthstone Business Overview
 - 10.4.5 Earthstone Recent Developments
- 10.5 JSC Gomeglass
 - 10.5.1 JSC Gomeglass Porous Glass Basic Information
 - 10.5.2 JSC Gomeglass Porous Glass Product Overview
 - 10.5.3 JSC Gomeglass Porous Glass Product Market Performance
 - 10.5.4 JSC Gomeglass Business Overview
 - 10.5.5 JSC Gomeglass Recent Developments
- 10.6 REFAGLASS
 - 10.6.1 REFAGLASS Porous Glass Basic Information
 - 10.6.2 REFAGLASS Porous Glass Product Overview
 - 10.6.3 REFAGLASS Porous Glass Product Market Performance
 - 10.6.4 REFAGLASS Business Overview
 - 10.6.5 REFAGLASS Recent Developments
- 10.7 Zhejiang DEHO
 - 10.7.1 Zhejiang DEHO Porous Glass Basic Information
 - 10.7.2 Zhejiang DEHO Porous Glass Product Overview
 - 10.7.3 Zhejiang DEHO Porous Glass Product Market Performance
 - 10.7.4 Zhejiang DEHO Business Overview
 - 10.7.5 Zhejiang DEHO Recent Developments
- 10.8 YaHong
 - 10.8.1 YaHong Porous Glass Basic Information
 - 10.8.2 YaHong Porous Glass Product Overview
 - 10.8.3 YaHong Porous Glass Product Market Performance
 - 10.8.4 YaHong Business Overview
 - 10.8.5 YaHong Recent Developments
- 10.9 Huichang New Material

- 10.9.1 Huichang New Material Porous Glass Basic Information
- 10.9.2 Huichang New Material Porous Glass Product Overview
- 10.9.3 Huichang New Material Porous Glass Product Market Performance
- 10.9.4 Huichang New Material Business Overview
- 10.9.5 Huichang New Material Recent Developments
- 10.10 ZhenShen
 - 10.10.1 ZhenShen Porous Glass Basic Information
 - 10.10.2 ZhenShen Porous Glass Product Overview
 - 10.10.3 ZhenShen Porous Glass Product Market Performance
 - 10.10.4 ZhenShen Business Overview
 - 10.10.5 ZhenShen Recent Developments
- 10.11 Zhong Tai Tian Cheng
 - 10.11.1 Zhong Tai Tian Cheng Porous Glass Basic Information
 - 10.11.2 Zhong Tai Tian Cheng Porous Glass Product Overview
 - 10.11.3 Zhong Tai Tian Cheng Porous Glass Product Market Performance
 - 10.11.4 Zhong Tai Tian Cheng Business Overview
 - 10.11.5 Zhong Tai Tian Cheng Recent Developments
- 10.12 Zhengdi
 - 10.12.1 Zhengdi Porous Glass Basic Information
 - 10.12.2 Zhengdi Porous Glass Product Overview
 - 10.12.3 Zhengdi Porous Glass Product Market Performance
 - 10.12.4 Zhengdi Business Overview
 - 10.12.5 Zhengdi Recent Developments
- 10.13 ShouBang
 - 10.13.1 ShouBang Porous Glass Basic Information
 - 10.13.2 ShouBang Porous Glass Product Overview
 - 10.13.3 ShouBang Porous Glass Product Market Performance
 - 10.13.4 ShouBang Business Overview
 - 10.13.5 ShouBang Recent Developments
- 10.14 Xin Shun Da
 - 10.14.1 Xin Shun Da Porous Glass Basic Information
 - 10.14.2 Xin Shun Da Porous Glass Product Overview
 - 10.14.3 Xin Shun Da Porous Glass Product Market Performance
 - 10.14.4 Xin Shun Da Business Overview
 - 10.14.5 Xin Shun Da Recent Developments
- 10.15 YongLi
 - 10.15.1 YongLi Porous Glass Basic Information
 - 10.15.2 YongLi Porous Glass Product Overview
 - 10.15.3 YongLi Porous Glass Product Market Performance

10.15.4 YongLi Business Overview

10.15.5 YongLi Recent Developments

10.16 Aotai

10.16.1 Aotai Porous Glass Basic Information

10.16.2 Aotai Porous Glass Product Overview

10.16.3 Aotai Porous Glass Product Market Performance

10.16.4 Aotai Business Overview

10.16.5 Aotai Recent Developments

11 POROUS GLASS MARKET FORECAST BY REGION

11.1 Global Porous Glass Market Size Forecast

11.2 Global Porous Glass Market Forecast by Region

11.2.1 North America Market Size Forecast by Country

11.2.2 Europe Porous Glass Market Size Forecast by Country

11.2.3 Asia Pacific Porous Glass Market Size Forecast by Region

11.2.4 South America Porous Glass Market Size Forecast by Country

11.2.5 Middle East and Africa Forecasted Sales of Porous Glass by Country

12 FORECAST MARKET BY TYPE AND BY APPLICATION (2025-2032)

12.1 Global Porous Glass Market Forecast by Type (2025-2032)

12.1.1 Global Forecasted Sales of Porous Glass by Type (2025-2032)

12.1.2 Global Porous Glass Market Size Forecast by Type (2025-2032)

12.1.3 Global Forecasted Price of Porous Glass by Type (2025-2032)

12.2 Global Porous Glass Market Forecast by Application (2025-2032)

12.2.1 Global Porous Glass Sales (K MT) Forecast by Application

12.2.2 Global Porous Glass Market Size (M USD) Forecast by Application (2025-2032)

13 CONCLUSION AND KEY FINDINGS

I would like to order

Product name: Global Porous Glass Market Research Report 2024(Status and Outlook)

Product link: <https://marketpublishers.com/r/GDAC5F569984EN.html>

Price: US\$ 2,800.00 (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/GDAC5F569984EN.html>