

Global D450 Electronic Glass Fiber Yarn Market 2026 by Manufacturers, Regions, Type and Application, Forecast to 2032

<https://marketpublishers.com/r/GBF286920A15EN.html>

Date: August 2026

Pages: 118

Price: US\$ 3,480.00 (Single User License)

ID: GBF286920A15EN

Abstracts

According to our (Global Info Research) latest study, the global D450 Electronic Glass Fiber Yarn market size was valued at US\$ 517 million in 2025 and is forecast to a readjusted size of US\$ 793 million by 2032 with a CAGR of 6.3% during review period.

D450 electronic glass fiber yarn is an ultra-fine electronic-grade glass yarn produced from continuous E-glass (alkali-free glass) filaments; it features a filament diameter of approximately 5.0?5.5 ?m and a linear density of about 11 tex, placing it within the D-series ultra-fine electronic yarn category. Typically manufactured through sizing and twisting processes, D450 electronic yarn exhibits excellent electrical insulation, high tensile strength, low dielectric constant, high-temperature resistance, low moisture absorption, and dimensional stability.

The industry chain comprises three main segments: upstream raw materials, midstream electronic yarn manufacturing, and downstream electronic material applications. Upstream inputs include glass batch materials?such as pyrophyllite, kaolin, quartz sand, limestone, boric acid, and alumina?as well as critical materials and equipment like platinum-rhodium alloy bushings, fiber-drawing machinery, sizing agents, twisting equipment, and testing instruments; ultra-fine fiber-drawing technology, sizing formulations, and bushing manufacturing processes are fundamental factors influencing product quality. Midstream production involves processes such as glass melting, fiber drawing via platinum-rhodium bushings, online sizing, drying, plying, twisting, winding, and quality inspection. Core competitiveness is defined by key metrics including filament diameter consistency, linear density control, fuzziness (hairiness) rate, moisture content, and dielectric properties. Downstream applications primarily involve weaving ultra-thin electronic glass fiber fabrics (such as the 1080 style), which are further

processed into copper-clad laminates (CCL), printed circuit boards (PCB), IC packaging substrates, high-density interconnect (HDI) boards, and high-frequency/high-speed communication substrates. These products are ultimately widely used in AI servers, data centers, 5G communication equipment, smartphones, automotive electronics, consumer electronics, industrial controls, and advanced semiconductor packaging.

In 2025, global sales volume for D450 electronic glass fiber yarn reached 69,000 tons, with a production capacity of approximately 98,000 tons; the average selling price was \$7,285 per ton, and the average gross profit margin ranged from 25% to 35%.

In recent years, D450 electronic glass fiber yarn has been evolving toward finer specifications, lower dielectric loss, superior dimensional stability, and better weaving performance. The industry is focusing its upgrades on ultra-fine filament drawing processes, low-dielectric glass formulations, high-performance sizing systems, intelligent in-line inspection, and automated winding technologies, while gradually expanding into higher-end products such as the D225 and DE series to meet the demands of AI servers, high-speed communications, and advanced packaging materials. Meanwhile, as nations continue to drive the development of semiconductors, high-end electronics manufacturing, and new information infrastructure?with China actively promoting the autonomy and controllability of its electronic information supply chain, and Japan, South Korea, Europe, and the US increasing R&D investment in advanced packaging, high-performance copper-clad laminates, and key materials?the market for high-end electronic yarn has gained long-term policy support. This trend is further propelling the global supply chain toward high performance, low loss, and localization.

This report is a detailed and comprehensive analysis for global D450 Electronic Glass Fiber Yarn market. Both quantitative and qualitative analyses are presented by manufacturers, by region & country, by Type and by Application. As the market is constantly changing, this report explores the competition, supply and demand trends, as well as key factors that contribute to its changing demands across many markets. Company profiles and product examples of selected competitors, along with market share estimates of some of the selected leaders for the year 2025, are provided.

Key Features:

Global D450 Electronic Glass Fiber Yarn market size and forecasts, in consumption value (\$ Million), sales quantity (Tons), and average selling prices (US\$/Ton),

2021-2032

Global D450 Electronic Glass Fiber Yarn market size and forecasts by region and country, in consumption value (\$ Million), sales quantity (Tons), and average selling prices (US\$/Ton), 2021-2032

Global D450 Electronic Glass Fiber Yarn market size and forecasts, by Type and by Application, in consumption value (\$ Million), sales quantity (Tons), and average selling prices (US\$/Ton), 2021-2032

Global D450 Electronic Glass Fiber Yarn market shares of main players, shipments in revenue (\$ Million), sales quantity (Tons), and ASP (US\$/Ton), 2021-2026

The Primary Objectives in This Report Are:

- To determine the size of the total market opportunity of global and key countries

- To assess the growth potential for D450 Electronic Glass Fiber Yarn

- To forecast future growth in each product and end-use market

- To assess competitive factors affecting the marketplace

This report profiles key players in the global D450 Electronic Glass Fiber Yarn market based on the following parameters - company overview, sales quantity, revenue, price, gross margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include Jushi Group, Taishan Fiberglass, Guangyuan New Materials, Taiwan PCC, Kingboard Chemical, Chongqing Polycomp International Corp. (CPIC), Taiwan Glass Group, Nippon Electric Glass, Saint-Gobain Vetrotex, Fulltech, etc.

This report also provides key insights about market drivers, restraints, opportunities, new product launches or approvals.

Market Segmentation

D450 Electronic Glass Fiber Yarn market is split by Type and by Application. For the period 2021-2032, the growth among segments provides accurate calculations and

forecasts for consumption value by Type, and by Application in terms of volume and value. This analysis can help you expand your business by targeting qualified niche markets.

Market segment by Type

Single Yarn

Plied Yarn

Market segment by Sizing Agents

Starch-Based

Paraffin-Based

Market segment by Linear Density

11.1?0.4 tex

11.2 tex

Others

Market segment by Application

AI Servers

Automotive Electronics

Consumer Electronics

Communications

Others

Major players covered

Jushi Group

Taishan Fiberglass

Guangyuan New Materials

Taiwan PCC

Kingboard Chemical

Chongqing Polycomp International Corp. (CPIC)

Taiwan Glass Group

Nippon Electric Glass

Saint-Gobain Vetrotex

Fulltech

Nittobo

Asahi Kasei

AGY

Market segment by region, regional analysis covers

North America (United States, Canada, and Mexico)

Europe (Germany, France, United Kingdom, Russia, Italy, and Rest of Europe)

Asia-Pacific (China, Japan, Korea, India, Southeast Asia, and Australia)

South America (Brazil, Argentina, Colombia, and Rest of South America)

Middle East & Africa (Saudi Arabia, UAE, Egypt, South Africa, and Rest of Middle East & Africa)

The content of the study subjects, includes a total of 15 chapters:

Chapter 1, to describe D450 Electronic Glass Fiber Yarn product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of D450 Electronic Glass Fiber Yarn, with price, sales quantity, revenue, and global market share of D450 Electronic Glass Fiber Yarn from 2021 to 2026.

Chapter 3, the D450 Electronic Glass Fiber Yarn competitive situation, sales quantity, revenue, and global market share of top manufacturers are analyzed emphatically by landscape contrast.

Chapter 4, the D450 Electronic Glass Fiber Yarn breakdown data are shown at the regional level, to show the sales quantity, consumption value, and growth by regions, from 2021 to 2032.

Chapter 5 and 6, to segment the sales by Type and by Application, with sales market share and growth rate by Type, by Application, from 2021 to 2032.

Chapter 7, 8, 9, 10 and 11, to break the sales data at the country level, with sales quantity, consumption value, and market share for key countries in the world, from 2021 to 2026. and D450 Electronic Glass Fiber Yarn market forecast, by regions, by Type, and by Application, with sales and revenue, from 2027 to 2032.

Chapter 12, market dynamics, drivers, restraints, trends, and Porters Five Forces analysis.

Chapter 13, the key raw materials and key suppliers, and industry chain of D450 Electronic Glass Fiber Yarn.

Chapter 14 and 15, to describe D450 Electronic Glass Fiber Yarn sales channel, distributors, customers, research findings and conclusion.

Contents

1 MARKET OVERVIEW

1.1 Product Overview and Scope

1.2 Market Estimation Caveats and Base Year

1.3 Market Analysis by Type

1.3.1 Overview: Global D450 Electronic Glass Fiber Yarn Consumption Value by Type: 2021 Versus 2025 Versus 2032

1.3.2 Single Yarn

1.3.3 Plied Yarn

1.4 Market Analysis by Sizing Agents

1.4.1 Overview: Global D450 Electronic Glass Fiber Yarn Consumption Value by Sizing Agents: 2021 Versus 2025 Versus 2032

1.4.2 Starch-Based

1.4.3 Paraffin-Based

1.5 Market Analysis by Linear Density

1.5.1 Overview: Global D450 Electronic Glass Fiber Yarn Consumption Value by Linear Density: 2021 Versus 2025 Versus 2032

1.5.2 11.1?0.4 tex

1.5.3 11.2 tex

1.5.4 Others

1.6 Market Analysis by Application

1.6.1 Overview: Global D450 Electronic Glass Fiber Yarn Consumption Value by Application: 2021 Versus 2025 Versus 2032

1.6.2 AI Servers

1.6.3 Automotive Electronics

1.6.4 Consumer Electronics

1.6.5 Communications

1.6.6 Others

1.7 Global D450 Electronic Glass Fiber Yarn Market Size & Forecast

1.7.1 Global D450 Electronic Glass Fiber Yarn Consumption Value (2021 & 2025 & 2032)

1.7.2 Global D450 Electronic Glass Fiber Yarn Sales Quantity (2021-2032)

1.7.3 Global D450 Electronic Glass Fiber Yarn Average Price (2021-2032)

2 MANUFACTURERS PROFILES

2.1 Jushi Group

- 2.1.1 Jushi Group Details
- 2.1.2 Jushi Group Major Business
- 2.1.3 Jushi Group D450 Electronic Glass Fiber Yarn Product and Services
- 2.1.4 Jushi Group D450 Electronic Glass Fiber Yarn Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)
- 2.1.5 Jushi Group Recent Developments/Updates
- 2.2 Taishan Fiberglass
 - 2.2.1 Taishan Fiberglass Details
 - 2.2.2 Taishan Fiberglass Major Business
 - 2.2.3 Taishan Fiberglass D450 Electronic Glass Fiber Yarn Product and Services
 - 2.2.4 Taishan Fiberglass D450 Electronic Glass Fiber Yarn Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)
 - 2.2.5 Taishan Fiberglass Recent Developments/Updates
- 2.3 Guangyuan New Materials
 - 2.3.1 Guangyuan New Materials Details
 - 2.3.2 Guangyuan New Materials Major Business
 - 2.3.3 Guangyuan New Materials D450 Electronic Glass Fiber Yarn Product and Services
 - 2.3.4 Guangyuan New Materials D450 Electronic Glass Fiber Yarn Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)
 - 2.3.5 Guangyuan New Materials Recent Developments/Updates
- 2.4 Taiwan PCC
 - 2.4.1 Taiwan PCC Details
 - 2.4.2 Taiwan PCC Major Business
 - 2.4.3 Taiwan PCC D450 Electronic Glass Fiber Yarn Product and Services
 - 2.4.4 Taiwan PCC D450 Electronic Glass Fiber Yarn Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)
 - 2.4.5 Taiwan PCC Recent Developments/Updates
- 2.5 Kingboard Chemical
 - 2.5.1 Kingboard Chemical Details
 - 2.5.2 Kingboard Chemical Major Business
 - 2.5.3 Kingboard Chemical D450 Electronic Glass Fiber Yarn Product and Services
 - 2.5.4 Kingboard Chemical D450 Electronic Glass Fiber Yarn Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)
 - 2.5.5 Kingboard Chemical Recent Developments/Updates
- 2.6 Chongqing Polycomp International Corp. (CPIC)
 - 2.6.1 Chongqing Polycomp International Corp. (CPIC) Details
 - 2.6.2 Chongqing Polycomp International Corp. (CPIC) Major Business
 - 2.6.3 Chongqing Polycomp International Corp. (CPIC) D450 Electronic Glass Fiber

Yarn Product and Services

2.6.4 Chongqing Polycomp International Corp. (CPIC) D450 Electronic Glass Fiber Yarn Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)

2.6.5 Chongqing Polycomp International Corp. (CPIC) Recent Developments/Updates

2.7 Taiwan Glass Group

2.7.1 Taiwan Glass Group Details

2.7.2 Taiwan Glass Group Major Business

2.7.3 Taiwan Glass Group D450 Electronic Glass Fiber Yarn Product and Services

2.7.4 Taiwan Glass Group D450 Electronic Glass Fiber Yarn Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)

2.7.5 Taiwan Glass Group Recent Developments/Updates

2.8 Nippon Electric Glass

2.8.1 Nippon Electric Glass Details

2.8.2 Nippon Electric Glass Major Business

2.8.3 Nippon Electric Glass D450 Electronic Glass Fiber Yarn Product and Services

2.8.4 Nippon Electric Glass D450 Electronic Glass Fiber Yarn Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)

2.8.5 Nippon Electric Glass Recent Developments/Updates

2.9 Saint-Gobain Vetrotex

2.9.1 Saint-Gobain Vetrotex Details

2.9.2 Saint-Gobain Vetrotex Major Business

2.9.3 Saint-Gobain Vetrotex D450 Electronic Glass Fiber Yarn Product and Services

2.9.4 Saint-Gobain Vetrotex D450 Electronic Glass Fiber Yarn Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)

2.9.5 Saint-Gobain Vetrotex Recent Developments/Updates

2.10 Fulltech

2.10.1 Fulltech Details

2.10.2 Fulltech Major Business

2.10.3 Fulltech D450 Electronic Glass Fiber Yarn Product and Services

2.10.4 Fulltech D450 Electronic Glass Fiber Yarn Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)

2.10.5 Fulltech Recent Developments/Updates

2.11 Nittobo

2.11.1 Nittobo Details

2.11.2 Nittobo Major Business

2.11.3 Nittobo D450 Electronic Glass Fiber Yarn Product and Services

2.11.4 Nittobo D450 Electronic Glass Fiber Yarn Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)

2.11.5 Nittobo Recent Developments/Updates

2.12 Asahi Kasei

2.12.1 Asahi Kasei Details

2.12.2 Asahi Kasei Major Business

2.12.3 Asahi Kasei D450 Electronic Glass Fiber Yarn Product and Services

2.12.4 Asahi Kasei D450 Electronic Glass Fiber Yarn Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)

2.12.5 Asahi Kasei Recent Developments/Updates

2.13 AGY

2.13.1 AGY Details

2.13.2 AGY Major Business

2.13.3 AGY D450 Electronic Glass Fiber Yarn Product and Services

2.13.4 AGY D450 Electronic Glass Fiber Yarn Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)

2.13.5 AGY Recent Developments/Updates

3 COMPETITIVE ENVIRONMENT: D450 ELECTRONIC GLASS FIBER YARN BY MANUFACTURER

3.1 Global D450 Electronic Glass Fiber Yarn Sales Quantity by Manufacturer (2021-2026)

3.2 Global D450 Electronic Glass Fiber Yarn Revenue by Manufacturer (2021-2026)

3.3 Global D450 Electronic Glass Fiber Yarn Average Price by Manufacturer (2021-2026)

3.4 Market Share Analysis (2025)

3.4.1 Producer Shipments of D450 Electronic Glass Fiber Yarn by Manufacturer Revenue (\$MM) and Market Share (%): 2025

3.4.2 Top 3 D450 Electronic Glass Fiber Yarn Manufacturer Market Share in 2025

3.4.3 Top 6 D450 Electronic Glass Fiber Yarn Manufacturer Market Share in 2025

3.5 D450 Electronic Glass Fiber Yarn Market: Overall Company Footprint Analysis

3.5.1 D450 Electronic Glass Fiber Yarn Market: Region Footprint

3.5.2 D450 Electronic Glass Fiber Yarn Market: Company Product Type Footprint

3.5.3 D450 Electronic Glass Fiber Yarn Market: Company Product Application Footprint

3.6 New Market Entrants and Barriers to Market Entry

3.7 Mergers, Acquisition, Agreements, and Collaborations

4 CONSUMPTION ANALYSIS BY REGION

4.1 Global D450 Electronic Glass Fiber Yarn Market Size by Region

4.1.1 Global D450 Electronic Glass Fiber Yarn Sales Quantity by Region (2021-2032)

4.1.2 Global D450 Electronic Glass Fiber Yarn Consumption Value by Region (2021-2032)

4.1.3 Global D450 Electronic Glass Fiber Yarn Average Price by Region (2021-2032)

4.2 North America D450 Electronic Glass Fiber Yarn Consumption Value (2021-2032)

4.3 Europe D450 Electronic Glass Fiber Yarn Consumption Value (2021-2032)

4.4 Asia-Pacific D450 Electronic Glass Fiber Yarn Consumption Value (2021-2032)

4.5 South America D450 Electronic Glass Fiber Yarn Consumption Value (2021-2032)

4.6 Middle East & Africa D450 Electronic Glass Fiber Yarn Consumption Value (2021-2032)

5 MARKET SEGMENT BY TYPE

5.1 Global D450 Electronic Glass Fiber Yarn Sales Quantity by Type (2021-2032)

5.2 Global D450 Electronic Glass Fiber Yarn Consumption Value by Type (2021-2032)

5.3 Global D450 Electronic Glass Fiber Yarn Average Price by Type (2021-2032)

6 MARKET SEGMENT BY APPLICATION

6.1 Global D450 Electronic Glass Fiber Yarn Sales Quantity by Application (2021-2032)

6.2 Global D450 Electronic Glass Fiber Yarn Consumption Value by Application (2021-2032)

6.3 Global D450 Electronic Glass Fiber Yarn Average Price by Application (2021-2032)

7 NORTH AMERICA

7.1 North America D450 Electronic Glass Fiber Yarn Sales Quantity by Type (2021-2032)

7.2 North America D450 Electronic Glass Fiber Yarn Sales Quantity by Application (2021-2032)

7.3 North America D450 Electronic Glass Fiber Yarn Market Size by Country

7.3.1 North America D450 Electronic Glass Fiber Yarn Sales Quantity by Country (2021-2032)

7.3.2 North America D450 Electronic Glass Fiber Yarn Consumption Value by Country (2021-2032)

7.3.3 United States Market Size and Forecast (2021-2032)

7.3.4 Canada Market Size and Forecast (2021-2032)

7.3.5 Mexico Market Size and Forecast (2021-2032)

8 EUROPE

8.1 Europe D450 Electronic Glass Fiber Yarn Sales Quantity by Type (2021-2032)

8.2 Europe D450 Electronic Glass Fiber Yarn Sales Quantity by Application
(2021-2032)

8.3 Europe D450 Electronic Glass Fiber Yarn Market Size by Country

8.3.1 Europe D450 Electronic Glass Fiber Yarn Sales Quantity by Country
(2021-2032)

8.3.2 Europe D450 Electronic Glass Fiber Yarn Consumption Value by Country
(2021-2032)

8.3.3 Germany Market Size and Forecast (2021-2032)

8.3.4 France Market Size and Forecast (2021-2032)

8.3.5 United Kingdom Market Size and Forecast (2021-2032)

8.3.6 Russia Market Size and Forecast (2021-2032)

8.3.7 Italy Market Size and Forecast (2021-2032)

9 ASIA-PACIFIC

9.1 Asia-Pacific D450 Electronic Glass Fiber Yarn Sales Quantity by Type (2021-2032)

9.2 Asia-Pacific D450 Electronic Glass Fiber Yarn Sales Quantity by Application
(2021-2032)

9.3 Asia-Pacific D450 Electronic Glass Fiber Yarn Market Size by Region

9.3.1 Asia-Pacific D450 Electronic Glass Fiber Yarn Sales Quantity by Region
(2021-2032)

9.3.2 Asia-Pacific D450 Electronic Glass Fiber Yarn Consumption Value by Region
(2021-2032)

9.3.3 China Market Size and Forecast (2021-2032)

9.3.4 Japan Market Size and Forecast (2021-2032)

9.3.5 South Korea Market Size and Forecast (2021-2032)

9.3.6 India Market Size and Forecast (2021-2032)

9.3.7 Southeast Asia Market Size and Forecast (2021-2032)

9.3.8 Australia Market Size and Forecast (2021-2032)

10 SOUTH AMERICA

10.1 South America D450 Electronic Glass Fiber Yarn Sales Quantity by Type
(2021-2032)

10.2 South America D450 Electronic Glass Fiber Yarn Sales Quantity by Application

(2021-2032)

10.3 South America D450 Electronic Glass Fiber Yarn Market Size by Country

10.3.1 South America D450 Electronic Glass Fiber Yarn Sales Quantity by Country

(2021-2032)

10.3.2 South America D450 Electronic Glass Fiber Yarn Consumption Value by Country (2021-2032)

10.3.3 Brazil Market Size and Forecast (2021-2032)

10.3.4 Argentina Market Size and Forecast (2021-2032)

11 MIDDLE EAST & AFRICA

11.1 Middle East & Africa D450 Electronic Glass Fiber Yarn Sales Quantity by Type (2021-2032)

11.2 Middle East & Africa D450 Electronic Glass Fiber Yarn Sales Quantity by Application (2021-2032)

11.3 Middle East & Africa D450 Electronic Glass Fiber Yarn Market Size by Country

11.3.1 Middle East & Africa D450 Electronic Glass Fiber Yarn Sales Quantity by Country (2021-2032)

11.3.2 Middle East & Africa D450 Electronic Glass Fiber Yarn Consumption Value by Country (2021-2032)

11.3.3 Turkey Market Size and Forecast (2021-2032)

11.3.4 Egypt Market Size and Forecast (2021-2032)

11.3.5 Saudi Arabia Market Size and Forecast (2021-2032)

11.3.6 South Africa Market Size and Forecast (2021-2032)

12 MARKET DYNAMICS

12.1 D450 Electronic Glass Fiber Yarn Market Drivers

12.2 D450 Electronic Glass Fiber Yarn Market Restraints

12.3 D450 Electronic Glass Fiber Yarn Trends Analysis

12.4 Porters Five Forces Analysis

12.4.1 Threat of New Entrants

12.4.2 Bargaining Power of Suppliers

12.4.3 Bargaining Power of Buyers

12.4.4 Threat of Substitutes

12.4.5 Competitive Rivalry

13 RAW MATERIAL AND INDUSTRY CHAIN

- 13.1 Raw Material of D450 Electronic Glass Fiber Yarn and Key Manufacturers
- 13.2 Manufacturing Costs Percentage of D450 Electronic Glass Fiber Yarn
- 13.3 D450 Electronic Glass Fiber Yarn Production Process
- 13.4 Industry Value Chain Analysis

14 SHIPMENTS BY DISTRIBUTION CHANNEL

- 14.1 Sales Channel
 - 14.1.1 Direct to End-User
 - 14.1.2 Distributors
- 14.2 D450 Electronic Glass Fiber Yarn Typical Distributors
- 14.3 D450 Electronic Glass Fiber Yarn Typical Customers

15 RESEARCH FINDINGS AND CONCLUSION

16 APPENDIX

- 16.1 Methodology
- 16.2 Research Process and Data Source
- 16.3 Disclaimer

List Of Tables

LIST OF TABLES

Table 1. Global Anti Water Glass Bead Consumption Value by Type, (USD Million), 2021 & 2025 & 2032

Table 2. Global Anti Water Glass Bead Consumption Value by Application, (USD Million), 2021 & 2025 & 2032

Table 3. Potters Beads Basic Information, Manufacturing Base and Competitors

Table 4. Potters Beads Major Business

Table 5. Potters Beads Anti Water Glass Bead Product and Services

Table 6. Potters Beads Anti Water Glass Bead Sales Quantity (Kilotons), Average Price (US\$/Ton), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 7. Potters Beads Recent Developments/Updates

Table 8. Swarco Basic Information, Manufacturing Base and Competitors

Table 9. Swarco Major Business

Table 10. Swarco Anti Water Glass Bead Product and Services

Table 11. Swarco Anti Water Glass Bead Sales Quantity (Kilotons), Average Price (US\$/Ton), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 12. Swarco Recent Developments/Updates

Table 13. 3M Basic Information, Manufacturing Base and Competitors

Table 14. 3M Major Business

Table 15. 3M Anti Water Glass Bead Product and Services

Table 16. 3M Anti Water Glass Bead Sales Quantity (Kilotons), Average Price (US\$/Ton), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 17. 3M Recent Developments/Updates

Table 18. Sigmund Lindner Basic Information, Manufacturing Base and Competitors

Table 19. Sigmund Lindner Major Business

Table 20. Sigmund Lindner Anti Water Glass Bead Product and Services

Table 21. Sigmund Lindner Anti Water Glass Bead Sales Quantity (Kilotons), Average Price (US\$/Ton), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 22. Sigmund Lindner Recent Developments/Updates

Table 23. Unitika Basic Information, Manufacturing Base and Competitors

Table 24. Unitika Major Business

Table 25. Unitika Anti Water Glass Bead Product and Services

Table 26. Unitika Anti Water Glass Bead Sales Quantity (Kilotons), Average Price (US\$/Ton), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 27. Unitika Recent Developments/Updates

Table 28. PROMAX Industries Basic Information, Manufacturing Base and Competitors

Table 29. PROMAX Industries Major Business

Table 30. PROMAX Industries Anti Water Glass Bead Product and Services

Table 31. PROMAX Industries Anti Water Glass Bead Sales Quantity (Kilotons), Average Price (US\$/Ton), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 32. PROMAX Industries Recent Developments/Updates

Table 33. Blastrite Basic Information, Manufacturing Base and Competitors

Table 34. Blastrite Major Business

Table 35. Blastrite Anti Water Glass Bead Product and Services

Table 36. Blastrite Anti Water Glass Bead Sales Quantity (Kilotons), Average Price (US\$/Ton), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 37. Blastrite Recent Developments/Updates

Table 38. Indo Glass Beads Basic Information, Manufacturing Base and Competitors

Table 39. Indo Glass Beads Major Business

Table 40. Indo Glass Beads Anti Water Glass Bead Product and Services

Table 41. Indo Glass Beads Anti Water Glass Bead Sales Quantity (Kilotons), Average Price (US\$/Ton), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 42. Indo Glass Beads Recent Developments/Updates

Table 43. Ennis-Flint Basic Information, Manufacturing Base and Competitors

Table 44. Ennis-Flint Major Business

Table 45. Ennis-Flint Anti Water Glass Bead Product and Services

Table 46. Ennis-Flint Anti Water Glass Bead Sales Quantity (Kilotons), Average Price (US\$/Ton), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 47. Ennis-Flint Recent Developments/Updates

Table 48. Specialized Coating Systems (Pty) Ltd Basic Information, Manufacturing Base and Competitors

Table 49. Specialized Coating Systems (Pty) Ltd Major Business

Table 50. Specialized Coating Systems (Pty) Ltd Anti Water Glass Bead Product and Services

Table 51. Specialized Coating Systems (Pty) Ltd Anti Water Glass Bead Sales Quantity (Kilotons), Average Price (US\$/Ton), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 52. Specialized Coating Systems (Pty) Ltd Recent Developments/Updates

Table 53. Olan Glass Beads Basic Information, Manufacturing Base and Competitors

Table 54. Olan Glass Beads Major Business

Table 55. Olan Glass Beads Anti Water Glass Bead Product and Services

Table 56. Olan Glass Beads Anti Water Glass Bead Sales Quantity (Kilotons), Average Price (US\$/Ton), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 57. Olan Glass Beads Recent Developments/Updates

Table 58. Ant Construction Machinery Basic Information, Manufacturing Base and Competitors

Table 59. Ant Construction Machinery Major Business

Table 60. Ant Construction Machinery Anti Water Glass Bead Product and Services

Table 61. Ant Construction Machinery Anti Water Glass Bead Sales Quantity (Kilotons), Average Price (US\$/Ton), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 62. Ant Construction Machinery Recent Developments/Updates

Table 63. Tory Material Technology Basic Information, Manufacturing Base and Competitors

Table 64. Tory Material Technology Major Business

Table 65. Tory Material Technology Anti Water Glass Bead Product and Services

Table 66. Tory Material Technology Anti Water Glass Bead Sales Quantity (Kilotons), Average Price (US\$/Ton), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 67. Tory Material Technology Recent Developments/Updates

Table 68. Ten Roads Glass Basic Information, Manufacturing Base and Competitors

Table 69. Ten Roads Glass Major Business

Table 70. Ten Roads Glass Anti Water Glass Bead Product and Services

Table 71. Ten Roads Glass Anti Water Glass Bead Sales Quantity (Kilotons), Average Price (US\$/Ton), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 72. Ten Roads Glass Recent Developments/Updates

Table 73. Roadsky Corporation Basic Information, Manufacturing Base and Competitors

Table 74. Roadsky Corporation Major Business

Table 75. Roadsky Corporation Anti Water Glass Bead Product and Services

Table 76. Roadsky Corporation Anti Water Glass Bead Sales Quantity (Kilotons), Average Price (US\$/Ton), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 77. Roadsky Corporation Recent Developments/Updates

Table 78. TAPCO Basic Information, Manufacturing Base and Competitors

Table 79. TAPCO Major Business

Table 80. TAPCO Anti Water Glass Bead Product and Services

Table 81. TAPCO Anti Water Glass Bead Sales Quantity (Kilotons), Average Price (US\$/Ton), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 82. TAPCO Recent Developments/Updates

Table 83. Transline Industries Basic Information, Manufacturing Base and Competitors

Table 84. Transline Industries Major Business

Table 85. Transline Industries Anti Water Glass Bead Product and Services

Table 86. Transline Industries Anti Water Glass Bead Sales Quantity (Kilotons),

Average Price (US\$/Ton), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 87. Transline Industries Recent Developments/Updates

Table 88. Opta Group Basic Information, Manufacturing Base and Competitors

Table 89. Opta Group Major Business

Table 90. Opta Group Anti Water Glass Bead Product and Services

Table 91. Opta Group Anti Water Glass Bead Sales Quantity (Kilotons), Average Price (US\$/Ton), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 92. Opta Group Recent Developments/Updates

Table 93. Global Anti Water Glass Bead Sales Quantity by Manufacturer (2021-2026) & (Kilotons)

Table 94. Global Anti Water Glass Bead Revenue by Manufacturer (2021-2026) & (USD Million)

Table 95. Global Anti Water Glass Bead Average Price by Manufacturer (2021-2026) & (US\$/Ton)

Table 96. Market Position of Manufacturers in Anti Water Glass Bead, (Tier 1, Tier 2, and Tier 3), Based on Revenue in 2025

Table 97. Head Office and Anti Water Glass Bead Production Site of Key Manufacturer

Table 98. Anti Water Glass Bead Market: Company Product Type Footprint

Table 99. Anti Water Glass Bead Market: Company Product Application Footprint

Table 100. Anti Water Glass Bead New Market Entrants and Barriers to Market Entry

Table 101. Anti Water Glass Bead Mergers, Acquisition, Agreements, and Collaborations

Table 102. Global Anti Water Glass Bead Consumption Value by Region (2021-2025-2032) & (USD Million) & CAGR

Table 103. Global Anti Water Glass Bead Sales Quantity by Region (2021-2026) & (Kilotons)

Table 104. Global Anti Water Glass Bead Sales Quantity by Region (2027-2032) & (Kilotons)

Table 105. Global Anti Water Glass Bead Consumption Value by Region (2021-2026) & (USD Million)

Table 106. Global Anti Water Glass Bead Consumption Value by Region (2027-2032) & (USD Million)

Table 107. Global Anti Water Glass Bead Average Price by Region (2021-2026) & (US\$/Ton)

Table 108. Global Anti Water Glass Bead Average Price by Region (2027-2032) & (US\$/Ton)

Table 109. Global Anti Water Glass Bead Sales Quantity by Type (2021-2026) & (Kilotons)

Table 110. Global Anti Water Glass Bead Sales Quantity by Type (2027-2032) & (Kilotons)

Table 111. Global Anti Water Glass Bead Consumption Value by Type (2021-2026) & (USD Million)

Table 112. Global Anti Water Glass Bead Consumption Value by Type (2027-2032) & (USD Million)

Table 113. Global Anti Water Glass Bead Average Price by Type (2021-2026) & (US\$/Ton)

Table 114. Global Anti Water Glass Bead Average Price by Type (2027-2032) & (US\$/Ton)

Table 115. Global Anti Water Glass Bead Sales Quantity by Application (2021-2026) & (Kilotons)

Table 116. Global Anti Water Glass Bead Sales Quantity by Application (2027-2032) & (Kilotons)

Table 117. Global Anti Water Glass Bead Consumption Value by Application (2021-2026) & (USD Million)

Table 118. Global Anti Water Glass Bead Consumption Value by Application (2027-2032) & (USD Million)

Table 119. Global Anti Water Glass Bead Average Price by Application (2021-2026) & (US\$/Ton)

Table 120. Global Anti Water Glass Bead Average Price by Application (2027-2032) & (US\$/Ton)

Table 121. North America Anti Water Glass Bead Sales Quantity by Type (2021-2026) & (Kilotons)

Table 122. North America Anti Water Glass Bead Sales Quantity by Type (2027-2032) & (Kilotons)

Table 123. North America Anti Water Glass Bead Sales Quantity by Application (2021-2026) & (Kilotons)

Table 124. North America Anti Water Glass Bead Sales Quantity by Application (2027-2032) & (Kilotons)

Table 125. North America Anti Water Glass Bead Sales Quantity by Country (2021-2026) & (Kilotons)

Table 126. North America Anti Water Glass Bead Sales Quantity by Country (2027-2032) & (Kilotons)

Table 127. North America Anti Water Glass Bead Consumption Value by Country (2021-2026) & (USD Million)

Table 128. North America Anti Water Glass Bead Consumption Value by Country (2027-2032) & (USD Million)

Table 129. Europe Anti Water Glass Bead Sales Quantity by Type (2021-2026) &

(Kilotons)

Table 130. Europe Anti Water Glass Bead Sales Quantity by Type (2027-2032) & (Kilotons)

Table 131. Europe Anti Water Glass Bead Sales Quantity by Application (2021-2026) & (Kilotons)

Table 132. Europe Anti Water Glass Bead Sales Quantity by Application (2027-2032) & (Kilotons)

Table 133. Europe Anti Water Glass Bead Sales Quantity by Country (2021-2026) & (Kilotons)

Table 134. Europe Anti Water Glass Bead Sales Quantity by Country (2027-2032) & (Kilotons)

Table 135. Europe Anti Water Glass Bead Consumption Value by Country (2021-2026) & (USD Million)

Table 136. Europe Anti Water Glass Bead Consumption Value by Country (2027-2032) & (USD Million)

Table 137. Asia-Pacific Anti Water Glass Bead Sales Quantity by Type (2021-2026) & (Kilotons)

Table 138. Asia-Pacific Anti Water Glass Bead Sales Quantity by Type (2027-2032) & (Kilotons)

Table 139. Asia-Pacific Anti Water Glass Bead Sales Quantity by Application (2021-2026) & (Kilotons)

Table 140. Asia-Pacific Anti Water Glass Bead Sales Quantity by Application (2027-2032) & (Kilotons)

Table 141. Asia-Pacific Anti Water Glass Bead Sales Quantity by Region (2021-2026) & (Kilotons)

Table 142. Asia-Pacific Anti Water Glass Bead Sales Quantity by Region (2027-2032) & (Kilotons)

Table 143. Asia-Pacific Anti Water Glass Bead Consumption Value by Region (2021-2026) & (USD Million)

Table 144. Asia-Pacific Anti Water Glass Bead Consumption Value by Region (2027-2032) & (USD Million)

Table 145. South America Anti Water Glass Bead Sales Quantity by Type (2021-2026) & (Kilotons)

Table 146. South America Anti Water Glass Bead Sales Quantity by Type (2027-2032) & (Kilotons)

Table 147. South America Anti Water Glass Bead Sales Quantity by Application (2021-2026) & (Kilotons)

Table 148. South America Anti Water Glass Bead Sales Quantity by Application (2027-2032) & (Kilotons)

Table 149. South America Anti Water Glass Bead Sales Quantity by Country
(2021-2026) & (Kilotons)

Table 150. South America Anti Water Glass Bead Sales Quantity by Country
(2027-2032) & (Kilotons)

Table 151. South America Anti Water Glass Bead Consumption Value by Country
(2021-2026) & (USD Million)

Table 152. South America Anti Water Glass Bead Consumption Value by Country
(2027-2032) & (USD Million)

Table 153. Middle East & Africa Anti Water Glass Bead Sales Quantity by Type
(2021-2026) & (Kilotons)

Table 154. Middle East & Africa Anti Water Glass Bead Sales Quantity by Type
(2027-2032) & (Kilotons)

Table 155. Middle East & Africa Anti Water Glass Bead Sales Quantity by Application
(2021-2026) & (Kilotons)

Table 156. Middle East & Africa Anti Water Glass Bead Sales Quantity by Application
(2027-2032) & (Kilotons)

Table 157. Middle East & Africa Anti Water Glass Bead Sales Quantity by Country
(2021-2026) & (Kilotons)

Table 158. Middle East & Africa Anti Water Glass Bead Sales Quantity by Country
(2027-2032) & (Kilotons)

Table 159. Middle East & Africa Anti Water Glass Bead Consumption Value by Country
(2021-2026) & (USD Million)

Table 160. Middle East & Africa Anti Water Glass Bead Consumption Value by Country
(2027-2032) & (USD Million)

Table 161. Anti Water Glass Bead Raw Material

Table 162. Key Manufacturers of Anti Water Glass Bead Raw Materials

Table 163. Anti Water Glass Bead Typical Distributors

Table 164. Anti Water Glass Bead Typical Customers

List Of Figures

LIST OF FIGURES

- Figure 1. Anti Water Glass Bead Picture
- Figure 2. Global Anti Water Glass Bead Revenue by Type, (USD Million), 2021 & 2025 & 2032
- Figure 3. Global Anti Water Glass Bead Revenue Market Share by Type in 2025
- Figure 4. Drop on Glass Bead Examples
- Figure 5. Premix Glass Bead Examples
- Figure 6. Intermix Glass Bead Examples
- Figure 7. Others Examples
- Figure 8. Global Anti Water Glass Bead Consumption Value by Application, (USD Million), 2021 & 2025 & 2032
- Figure 9. Global Anti Water Glass Bead Revenue Market Share by Application in 2025
- Figure 10. Roads and Streets Examples
- Figure 11. Parking Lot Examples
- Figure 12. Airport Examples
- Figure 13. Others Examples
- Figure 14. Global Anti Water Glass Bead Consumption Value, (USD Million): 2021 & 2025 & 2032
- Figure 15. Global Anti Water Glass Bead Consumption Value and Forecast (2021-2032) & (USD Million)
- Figure 16. Global Anti Water Glass Bead Sales Quantity (2021-2032) & (Kilotons)
- Figure 17. Global Anti Water Glass Bead Price (2021-2032) & (US\$/Ton)
- Figure 18. Global Anti Water Glass Bead Sales Quantity Market Share by Manufacturer in 2025
- Figure 19. Global Anti Water Glass Bead Revenue Market Share by Manufacturer in 2025
- Figure 20. Producer Shipments of Anti Water Glass Bead by Manufacturer Sales (\$MM) and Market Share (%): 2025
- Figure 21. Top 3 Anti Water Glass Bead Manufacturer (Revenue) Market Share in 2025
- Figure 22. Top 6 Anti Water Glass Bead Manufacturer (Revenue) Market Share in 2025
- Figure 23. Global Anti Water Glass Bead Sales Quantity Market Share by Region (2021-2032)
- Figure 24. Global Anti Water Glass Bead Consumption Value Market Share by Region (2021-2032)
- Figure 25. North America Anti Water Glass Bead Consumption Value (2021-2032) & (USD Million)

Figure 26. Europe Anti Water Glass Bead Consumption Value (2021-2032) & (USD Million)

Figure 27. Asia-Pacific Anti Water Glass Bead Consumption Value (2021-2032) & (USD Million)

Figure 28. South America Anti Water Glass Bead Consumption Value (2021-2032) & (USD Million)

Figure 29. Middle East & Africa Anti Water Glass Bead Consumption Value (2021-2032) & (USD Million)

Figure 30. Global Anti Water Glass Bead Sales Quantity Market Share by Type (2021-2032)

Figure 31. Global Anti Water Glass Bead Consumption Value Market Share by Type (2021-2032)

Figure 32. Global Anti Water Glass Bead Average Price by Type (2021-2032) & (US\$/Ton)

Figure 33. Global Anti Water Glass Bead Sales Quantity Market Share by Application (2021-2032)

Figure 34. Global Anti Water Glass Bead Revenue Market Share by Application (2021-2032)

Figure 35. Global Anti Water Glass Bead Average Price by Application (2021-2032) & (US\$/Ton)

Figure 36. North America Anti Water Glass Bead Sales Quantity Market Share by Type (2021-2032)

Figure 37. North America Anti Water Glass Bead Sales Quantity Market Share by Application (2021-2032)

Figure 38. North America Anti Water Glass Bead Sales Quantity Market Share by Country (2021-2032)

Figure 39. North America Anti Water Glass Bead Consumption Value Market Share by Country (2021-2032)

Figure 40. United States Anti Water Glass Bead Consumption Value (2021-2032) & (USD Million)

Figure 41. Canada Anti Water Glass Bead Consumption Value (2021-2032) & (USD Million)

Figure 42. Mexico Anti Water Glass Bead Consumption Value (2021-2032) & (USD Million)

Figure 43. Europe Anti Water Glass Bead Sales Quantity Market Share by Type (2021-2032)

Figure 44. Europe Anti Water Glass Bead Sales Quantity Market Share by Application (2021-2032)

Figure 45. Europe Anti Water Glass Bead Sales Quantity Market Share by Country

(2021-2032)

Figure 46. Europe Anti Water Glass Bead Consumption Value Market Share by Country (2021-2032)

Figure 47. Germany Anti Water Glass Bead Consumption Value (2021-2032) & (USD Million)

Figure 48. France Anti Water Glass Bead Consumption Value (2021-2032) & (USD Million)

Figure 49. United Kingdom Anti Water Glass Bead Consumption Value (2021-2032) & (USD Million)

Figure 50. Russia Anti Water Glass Bead Consumption Value (2021-2032) & (USD Million)

Figure 51. Italy Anti Water Glass Bead Consumption Value (2021-2032) & (USD Million)

Figure 52. Asia-Pacific Anti Water Glass Bead Sales Quantity Market Share by Type (2021-2032)

Figure 53. Asia-Pacific Anti Water Glass Bead Sales Quantity Market Share by Application (2021-2032)

Figure 54. Asia-Pacific Anti Water Glass Bead Sales Quantity Market Share by Region (2021-2032)

Figure 55. Asia-Pacific Anti Water Glass Bead Consumption Value Market Share by Region (2021-2032)

Figure 56. China Anti Water Glass Bead Consumption Value (2021-2032) & (USD Million)

Figure 57. Japan Anti Water Glass Bead Consumption Value (2021-2032) & (USD Million)

Figure 58. South Korea Anti Water Glass Bead Consumption Value (2021-2032) & (USD Million)

Figure 59. India Anti Water Glass Bead Consumption Value (2021-2032) & (USD Million)

Figure 60. Southeast Asia Anti Water Glass Bead Consumption Value (2021-2032) & (USD Million)

Figure 61. Australia Anti Water Glass Bead Consumption Value (2021-2032) & (USD Million)

Figure 62. South America Anti Water Glass Bead Sales Quantity Market Share by Type (2021-2032)

Figure 63. South America Anti Water Glass Bead Sales Quantity Market Share by Application (2021-2032)

Figure 64. South America Anti Water Glass Bead Sales Quantity Market Share by Country (2021-2032)

Figure 65. South America Anti Water Glass Bead Consumption Value Market Share by

Country (2021-2032)

Figure 66. Brazil Anti Water Glass Bead Consumption Value (2021-2032) & (USD Million)

Figure 67. Argentina Anti Water Glass Bead Consumption Value (2021-2032) & (USD Million)

Figure 68. Middle East & Africa Anti Water Glass Bead Sales Quantity Market Share by Type (2021-2032)

Figure 69. Middle East & Africa Anti Water Glass Bead Sales Quantity Market Share by Application (2021-2032)

Figure 70. Middle East & Africa Anti Water Glass Bead Sales Quantity Market Share by Country (2021-2032)

Figure 71. Middle East & Africa Anti Water Glass Bead Consumption Value Market Share by Country (2021-2032)

Figure 72. Turkey Anti Water Glass Bead Consumption Value (2021-2032) & (USD Million)

Figure 73. Egypt Anti Water Glass Bead Consumption Value (2021-2032) & (USD Million)

Figure 74. Saudi Arabia Anti Water Glass Bead Consumption Value (2021-2032) & (USD Million)

Figure 75. South Africa Anti Water Glass Bead Consumption Value (2021-2032) & (USD Million)

Figure 76. Anti Water Glass Bead Market Drivers

Figure 77. Anti Water Glass Bead Market Restraints

Figure 78. Anti Water Glass Bead Market Trends

Figure 79. Porters Five Forces Analysis

Figure 80. Manufacturing Cost Structure Analysis of Anti Water Glass Bead in 2025

Figure 81. Manufacturing Process Analysis of Anti Water Glass Bead

Figure 82. Anti Water Glass Bead Industrial Chain

Figure 83. Sales Channel: Direct to End-User vs Distributors

Figure 84. Direct Channel Pros & Cons

Figure 85. Indirect Channel Pros & Cons

Figure 86. Methodology

Figure 87. Research Process and Data Source

I would like to order

Product name: Global D450 Electronic Glass Fiber Yarn Market 2026 by Manufacturers, Regions, Type and Application, Forecast to 2032

Product link: <https://marketpublishers.com/r/GBF286920A15EN.html>

Price: US\$ 3,480.00 (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/GBF286920A15EN.html>