

# Global Ultra-low Expansion Glass-Ceramics Supply, Demand and Key Producers, 2024-2030

<https://marketpublishers.com/r/G962CDC6467DEN.html>

Date: March 2024

Pages: 106

Price: US\$ 4,480.00 (Single User License)

ID: G962CDC6467DEN

## Abstracts

The global Ultra-low Expansion Glass-Ceramics market size is expected to reach \$ million by 2030, rising at a market growth of % CAGR during the forecast period (2024-2030).

The market prospect for Ultra-low Expansion (ULE) Glass-Ceramics appears promising, driven by several factors:

Growing demand in key applications:

**Optics:** Increasing demand for high-performance telescopes, lasers, and other optical instruments due to advancements in astronomy, defense, and medical imaging is fueling the need for ULE glass-ceramics.

**Electronics:** Rising miniaturization in electronics demands smaller and more stable substrates, creating opportunities for ULE glass-ceramics in semiconductor packaging and microelectronics.

**Aerospace:** Growing investments in space exploration and satellite development are expected to increase demand for ULE glass-ceramics in telescopes and other spacecraft components.

**High initial cost:** Due to the complex manufacturing process, ULE glass-ceramics are currently more expensive than some competing materials, limiting their adoption in cost-sensitive applications.

**Limited production capacity:** The specialized nature of production might restrict the

ability to meet rapidly growing demand.

Overall, the ULE glass-ceramics market is expected to experience steady growth in the coming years, driven by increasing demand in key applications, technological advancements, and favorable market trends. Overcoming the cost and production challenges could further accelerate market expansion.

Ultra-low expansion (ULE) glass-ceramics are a unique type of material that combines the desirable properties of both glass and ceramics. They possess an incredibly low coefficient of thermal expansion (CTE), meaning they expand very little with changes in temperature. This makes them highly stable and dimensionally accurate, even in extreme environments.

This report studies the global Ultra-low Expansion Glass-Ceramics production, demand, key manufacturers, and key regions.

This report is a detailed and comprehensive analysis of the world market for Ultra-low Expansion Glass-Ceramics, and provides market size (US\$ million) and Year-over-Year (YoY) Growth, considering 2023 as the base year. This report explores demand trends and competition, as well as details the characteristics of Ultra-low Expansion Glass-Ceramics that contribute to its increasing demand across many markets.

Highlights and key features of the study

Global Ultra-low Expansion Glass-Ceramics total production and demand, 2019-2030, (K Sqm)

Global Ultra-low Expansion Glass-Ceramics total production value, 2019-2030, (USD Million)

Global Ultra-low Expansion Glass-Ceramics production by region & country, production, value, CAGR, 2019-2030, (USD Million) & (K Sqm)

Global Ultra-low Expansion Glass-Ceramics consumption by region & country, CAGR, 2019-2030 & (K Sqm)

U.S. VS China: Ultra-low Expansion Glass-Ceramics domestic production, consumption, key domestic manufacturers and share

Global Ultra-low Expansion Glass-Ceramics production by manufacturer, production, price, value and market share 2019-2024, (USD Million) & (K Sqm)

Global Ultra-low Expansion Glass-Ceramics production by Type, production, value, CAGR, 2019-2030, (USD Million) & (K Sqm)

Global Ultra-low Expansion Glass-Ceramics production by Application production, value, CAGR, 2019-2030, (USD Million) & (K Sqm).

This reports profiles key players in the global Ultra-low Expansion Glass-Ceramics market based on the following parameters – company overview, production, value, price, gross margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include Schott AG, Corning, Ohara, Stanford Advanced Materials, Jeannette Specialty Glass, Elan Technology, Nippon Electric Glass and Okamoto Glass, etc.

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

Stakeholders would have ease in decision-making through various strategy matrices used in analyzing the World Ultra-low Expansion Glass-Ceramics market.

Detailed Segmentation:

Each section contains quantitative market data including market by value (US\$ Millions), volume (production, consumption) & (K Sqm) and average price (US\$/Sqm) by manufacturer, by Type, and by Application. Data is given for the years 2019-2030 by year with 2023 as the base year, 2024 as the estimate year, and 2025-2030 as the forecast year.

Global Ultra-low Expansion Glass-Ceramics Market, By Region:

United States

China

Europe

Japan

South Korea

ASEAN

India

Rest of World

### Global Ultra-low Expansion Glass-Ceramics Market, Segmentation by Type

Thermal Conductivity Less or Equal to 1.5 K

Thermal Conductivity More than 1.5 K

### Global Ultra-low Expansion Glass-Ceramics Market, Segmentation by Application

Optics

Electronic

Aerospace

Others

### Companies Profiled:

Schott AG

Corning

Ohara

Stanford Advanced Materials

Jeannette Specialty Glass

Elan Technology

Nippon Electric Glass

Okamoto Glass

### Key Questions Answered

1. How big is the global Ultra-low Expansion Glass-Ceramics market?
2. What is the demand of the global Ultra-low Expansion Glass-Ceramics market?
3. What is the year over year growth of the global Ultra-low Expansion Glass-Ceramics market?
4. What is the production and production value of the global Ultra-low Expansion Glass-Ceramics market?
5. Who are the key producers in the global Ultra-low Expansion Glass-Ceramics market?

## Contents

### 1 SUPPLY SUMMARY

- 1.1 Ultra-low Expansion Glass-Ceramics Introduction
- 1.2 World Ultra-low Expansion Glass-Ceramics Supply & Forecast
  - 1.2.1 World Ultra-low Expansion Glass-Ceramics Production Value (2019 & 2023 & 2030)
  - 1.2.2 World Ultra-low Expansion Glass-Ceramics Production (2019-2030)
  - 1.2.3 World Ultra-low Expansion Glass-Ceramics Pricing Trends (2019-2030)
- 1.3 World Ultra-low Expansion Glass-Ceramics Production by Region (Based on Production Site)
  - 1.3.1 World Ultra-low Expansion Glass-Ceramics Production Value by Region (2019-2030)
  - 1.3.2 World Ultra-low Expansion Glass-Ceramics Production by Region (2019-2030)
  - 1.3.3 World Ultra-low Expansion Glass-Ceramics Average Price by Region (2019-2030)
  - 1.3.4 North America Ultra-low Expansion Glass-Ceramics Production (2019-2030)
  - 1.3.5 Europe Ultra-low Expansion Glass-Ceramics Production (2019-2030)
  - 1.3.6 China Ultra-low Expansion Glass-Ceramics Production (2019-2030)
  - 1.3.7 Japan Ultra-low Expansion Glass-Ceramics Production (2019-2030)
- 1.4 Market Drivers, Restraints and Trends
  - 1.4.1 Ultra-low Expansion Glass-Ceramics Market Drivers
  - 1.4.2 Factors Affecting Demand
  - 1.4.3 Ultra-low Expansion Glass-Ceramics Major Market Trends

### 2 DEMAND SUMMARY

- 2.1 World Ultra-low Expansion Glass-Ceramics Demand (2019-2030)
- 2.2 World Ultra-low Expansion Glass-Ceramics Consumption by Region
  - 2.2.1 World Ultra-low Expansion Glass-Ceramics Consumption by Region (2019-2024)
  - 2.2.2 World Ultra-low Expansion Glass-Ceramics Consumption Forecast by Region (2025-2030)
- 2.3 United States Ultra-low Expansion Glass-Ceramics Consumption (2019-2030)
- 2.4 China Ultra-low Expansion Glass-Ceramics Consumption (2019-2030)
- 2.5 Europe Ultra-low Expansion Glass-Ceramics Consumption (2019-2030)
- 2.6 Japan Ultra-low Expansion Glass-Ceramics Consumption (2019-2030)
- 2.7 South Korea Ultra-low Expansion Glass-Ceramics Consumption (2019-2030)
- 2.8 ASEAN Ultra-low Expansion Glass-Ceramics Consumption (2019-2030)

## 2.9 India Ultra-low Expansion Glass-Ceramics Consumption (2019-2030)

### **3 WORLD ULTRA-LOW EXPANSION GLASS-CERAMICS MANUFACTURERS COMPETITIVE ANALYSIS**

#### 3.1 World Ultra-low Expansion Glass-Ceramics Production Value by Manufacturer (2019-2024)

#### 3.2 World Ultra-low Expansion Glass-Ceramics Production by Manufacturer (2019-2024)

#### 3.3 World Ultra-low Expansion Glass-Ceramics Average Price by Manufacturer (2019-2024)

#### 3.4 Ultra-low Expansion Glass-Ceramics Company Evaluation Quadrant

#### 3.5 Industry Rank and Concentration Rate (CR)

##### 3.5.1 Global Ultra-low Expansion Glass-Ceramics Industry Rank of Major Manufacturers

##### 3.5.2 Global Concentration Ratios (CR4) for Ultra-low Expansion Glass-Ceramics in 2023

##### 3.5.3 Global Concentration Ratios (CR8) for Ultra-low Expansion Glass-Ceramics in 2023

#### 3.6 Ultra-low Expansion Glass-Ceramics Market: Overall Company Footprint Analysis

##### 3.6.1 Ultra-low Expansion Glass-Ceramics Market: Region Footprint

##### 3.6.2 Ultra-low Expansion Glass-Ceramics Market: Company Product Type Footprint

##### 3.6.3 Ultra-low Expansion Glass-Ceramics Market: Company Product Application Footprint

#### 3.7 Competitive Environment

##### 3.7.1 Historical Structure of the Industry

##### 3.7.2 Barriers of Market Entry

##### 3.7.3 Factors of Competition

#### 3.8 New Entrant and Capacity Expansion Plans

#### 3.9 Mergers, Acquisition, Agreements, and Collaborations

### **4 UNITED STATES VS CHINA VS REST OF THE WORLD**

#### 4.1 United States VS China: Ultra-low Expansion Glass-Ceramics Production Value Comparison

##### 4.1.1 United States VS China: Ultra-low Expansion Glass-Ceramics Production Value Comparison (2019 & 2023 & 2030)

##### 4.1.2 United States VS China: Ultra-low Expansion Glass-Ceramics Production Value Market Share Comparison (2019 & 2023 & 2030)



## 4.2 United States VS China: Ultra-low Expansion Glass-Ceramics Production Comparison

4.2.1 United States VS China: Ultra-low Expansion Glass-Ceramics Production Comparison (2019 & 2023 & 2030)

4.2.2 United States VS China: Ultra-low Expansion Glass-Ceramics Production Market Share Comparison (2019 & 2023 & 2030)

## 4.3 United States VS China: Ultra-low Expansion Glass-Ceramics Consumption Comparison

4.3.1 United States VS China: Ultra-low Expansion Glass-Ceramics Consumption Comparison (2019 & 2023 & 2030)

4.3.2 United States VS China: Ultra-low Expansion Glass-Ceramics Consumption Market Share Comparison (2019 & 2023 & 2030)

## 4.4 United States Based Ultra-low Expansion Glass-Ceramics Manufacturers and Market Share, 2019-2024

4.4.1 United States Based Ultra-low Expansion Glass-Ceramics Manufacturers, Headquarters and Production Site (States, Country)

4.4.2 United States Based Manufacturers Ultra-low Expansion Glass-Ceramics Production Value (2019-2024)

4.4.3 United States Based Manufacturers Ultra-low Expansion Glass-Ceramics Production (2019-2024)

## 4.5 China Based Ultra-low Expansion Glass-Ceramics Manufacturers and Market Share

4.5.1 China Based Ultra-low Expansion Glass-Ceramics Manufacturers, Headquarters and Production Site (Province, Country)

4.5.2 China Based Manufacturers Ultra-low Expansion Glass-Ceramics Production Value (2019-2024)

4.5.3 China Based Manufacturers Ultra-low Expansion Glass-Ceramics Production (2019-2024)

## 4.6 Rest of World Based Ultra-low Expansion Glass-Ceramics Manufacturers and Market Share, 2019-2024

4.6.1 Rest of World Based Ultra-low Expansion Glass-Ceramics Manufacturers, Headquarters and Production Site (State, Country)

4.6.2 Rest of World Based Manufacturers Ultra-low Expansion Glass-Ceramics Production Value (2019-2024)

4.6.3 Rest of World Based Manufacturers Ultra-low Expansion Glass-Ceramics Production (2019-2024)

# 5 MARKET ANALYSIS BY TYPE

## 5.1 World Ultra-low Expansion Glass-Ceramics Market Size Overview by Type: 2019



VS 2023 VS 2030

5.2 Segment Introduction by Type

5.2.1 Thermal Conductivity Less or Equal to 1.5 K

5.2.2 Thermal Conductivity More than 1.5 K

5.3 Market Segment by Type

5.3.1 World Ultra-low Expansion Glass-Ceramics Production by Type (2019-2030)

5.3.2 World Ultra-low Expansion Glass-Ceramics Production Value by Type (2019-2030)

5.3.3 World Ultra-low Expansion Glass-Ceramics Average Price by Type (2019-2030)

## **6 MARKET ANALYSIS BY APPLICATION**

6.1 World Ultra-low Expansion Glass-Ceramics Market Size Overview by Application: 2019 VS 2023 VS 2030

6.2 Segment Introduction by Application

6.2.1 Optics

6.2.2 Electronic

6.2.3 Aerospace

6.2.4 Others

6.3 Market Segment by Application

6.3.1 World Ultra-low Expansion Glass-Ceramics Production by Application (2019-2030)

6.3.2 World Ultra-low Expansion Glass-Ceramics Production Value by Application (2019-2030)

6.3.3 World Ultra-low Expansion Glass-Ceramics Average Price by Application (2019-2030)

## **7 COMPANY PROFILES**

7.1 Schott AG

7.1.1 Schott AG Details

7.1.2 Schott AG Major Business

7.1.3 Schott AG Ultra-low Expansion Glass-Ceramics Product and Services

7.1.4 Schott AG Ultra-low Expansion Glass-Ceramics Production, Price, Value, Gross Margin and Market Share (2019-2024)

7.1.5 Schott AG Recent Developments/Updates

7.1.6 Schott AG Competitive Strengths & Weaknesses

7.2 Corning

7.2.1 Corning Details

- 7.2.2 Corning Major Business
- 7.2.3 Corning Ultra-low Expansion Glass-Ceramics Product and Services
- 7.2.4 Corning Ultra-low Expansion Glass-Ceramics Production, Price, Value, Gross Margin and Market Share (2019-2024)
- 7.2.5 Corning Recent Developments/Updates
- 7.2.6 Corning Competitive Strengths & Weaknesses
- 7.3 Ohara
  - 7.3.1 Ohara Details
  - 7.3.2 Ohara Major Business
  - 7.3.3 Ohara Ultra-low Expansion Glass-Ceramics Product and Services
  - 7.3.4 Ohara Ultra-low Expansion Glass-Ceramics Production, Price, Value, Gross Margin and Market Share (2019-2024)
  - 7.3.5 Ohara Recent Developments/Updates
  - 7.3.6 Ohara Competitive Strengths & Weaknesses
- 7.4 Stanford Advanced Materials
  - 7.4.1 Stanford Advanced Materials Details
  - 7.4.2 Stanford Advanced Materials Major Business
  - 7.4.3 Stanford Advanced Materials Ultra-low Expansion Glass-Ceramics Product and Services
  - 7.4.4 Stanford Advanced Materials Ultra-low Expansion Glass-Ceramics Production, Price, Value, Gross Margin and Market Share (2019-2024)
  - 7.4.5 Stanford Advanced Materials Recent Developments/Updates
  - 7.4.6 Stanford Advanced Materials Competitive Strengths & Weaknesses
- 7.5 Jeannette Specialty Glass
  - 7.5.1 Jeannette Specialty Glass Details
  - 7.5.2 Jeannette Specialty Glass Major Business
  - 7.5.3 Jeannette Specialty Glass Ultra-low Expansion Glass-Ceramics Product and Services
  - 7.5.4 Jeannette Specialty Glass Ultra-low Expansion Glass-Ceramics Production, Price, Value, Gross Margin and Market Share (2019-2024)
  - 7.5.5 Jeannette Specialty Glass Recent Developments/Updates
  - 7.5.6 Jeannette Specialty Glass Competitive Strengths & Weaknesses
- 7.6 Elan Technology
  - 7.6.1 Elan Technology Details
  - 7.6.2 Elan Technology Major Business
  - 7.6.3 Elan Technology Ultra-low Expansion Glass-Ceramics Product and Services
  - 7.6.4 Elan Technology Ultra-low Expansion Glass-Ceramics Production, Price, Value, Gross Margin and Market Share (2019-2024)
  - 7.6.5 Elan Technology Recent Developments/Updates

- 7.6.6 Elan Technology Competitive Strengths & Weaknesses
- 7.7 Nippon Electric Glass
  - 7.7.1 Nippon Electric Glass Details
  - 7.7.2 Nippon Electric Glass Major Business
  - 7.7.3 Nippon Electric Glass Ultra-low Expansion Glass-Ceramics Product and Services
  - 7.7.4 Nippon Electric Glass Ultra-low Expansion Glass-Ceramics Production, Price, Value, Gross Margin and Market Share (2019-2024)
  - 7.7.5 Nippon Electric Glass Recent Developments/Updates
  - 7.7.6 Nippon Electric Glass Competitive Strengths & Weaknesses
- 7.8 Okamoto Glass
  - 7.8.1 Okamoto Glass Details
  - 7.8.2 Okamoto Glass Major Business
  - 7.8.3 Okamoto Glass Ultra-low Expansion Glass-Ceramics Product and Services
  - 7.8.4 Okamoto Glass Ultra-low Expansion Glass-Ceramics Production, Price, Value, Gross Margin and Market Share (2019-2024)
  - 7.8.5 Okamoto Glass Recent Developments/Updates
  - 7.8.6 Okamoto Glass Competitive Strengths & Weaknesses

## **8 INDUSTRY CHAIN ANALYSIS**

- 8.1 Ultra-low Expansion Glass-Ceramics Industry Chain
- 8.2 Ultra-low Expansion Glass-Ceramics Upstream Analysis
  - 8.2.1 Ultra-low Expansion Glass-Ceramics Core Raw Materials
  - 8.2.2 Main Manufacturers of Ultra-low Expansion Glass-Ceramics Core Raw Materials
- 8.3 Midstream Analysis
- 8.4 Downstream Analysis
- 8.5 Ultra-low Expansion Glass-Ceramics Production Mode
- 8.6 Ultra-low Expansion Glass-Ceramics Procurement Model
- 8.7 Ultra-low Expansion Glass-Ceramics Industry Sales Model and Sales Channels
  - 8.7.1 Ultra-low Expansion Glass-Ceramics Sales Model
  - 8.7.2 Ultra-low Expansion Glass-Ceramics Typical Customers

## **9 RESEARCH FINDINGS AND CONCLUSION**

## **10 APPENDIX**

- 10.1 Methodology
- 10.2 Research Process and Data Source
- 10.3 Disclaimer



## List Of Tables

### LIST OF TABLES

Table 1. World Ultra-low Expansion Glass-Ceramics Production Value by Region (2019, 2023 and 2030) & (USD Million)

Table 2. World Ultra-low Expansion Glass-Ceramics Production Value by Region (2019-2024) & (USD Million)

Table 3. World Ultra-low Expansion Glass-Ceramics Production Value by Region (2025-2030) & (USD Million)

Table 4. World Ultra-low Expansion Glass-Ceramics Production Value Market Share by Region (2019-2024)

Table 5. World Ultra-low Expansion Glass-Ceramics Production Value Market Share by Region (2025-2030)

Table 6. World Ultra-low Expansion Glass-Ceramics Production by Region (2019-2024) & (K Sqm)

Table 7. World Ultra-low Expansion Glass-Ceramics Production by Region (2025-2030) & (K Sqm)

Table 8. World Ultra-low Expansion Glass-Ceramics Production Market Share by Region (2019-2024)

Table 9. World Ultra-low Expansion Glass-Ceramics Production Market Share by Region (2025-2030)

Table 10. World Ultra-low Expansion Glass-Ceramics Average Price by Region (2019-2024) & (US\$/Sqm)

Table 11. World Ultra-low Expansion Glass-Ceramics Average Price by Region (2025-2030) & (US\$/Sqm)

Table 12. Ultra-low Expansion Glass-Ceramics Major Market Trends

Table 13. World Ultra-low Expansion Glass-Ceramics Consumption Growth Rate Forecast by Region (2019 & 2023 & 2030) & (K Sqm)

Table 14. World Ultra-low Expansion Glass-Ceramics Consumption by Region (2019-2024) & (K Sqm)

Table 15. World Ultra-low Expansion Glass-Ceramics Consumption Forecast by Region (2025-2030) & (K Sqm)

Table 16. World Ultra-low Expansion Glass-Ceramics Production Value by Manufacturer (2019-2024) & (USD Million)

Table 17. Production Value Market Share of Key Ultra-low Expansion Glass-Ceramics Producers in 2023

Table 18. World Ultra-low Expansion Glass-Ceramics Production by Manufacturer (2019-2024) & (K Sqm)

Table 19. Production Market Share of Key Ultra-low Expansion Glass-Ceramics Producers in 2023

Table 20. World Ultra-low Expansion Glass-Ceramics Average Price by Manufacturer (2019-2024) & (US\$/Sqm)

Table 21. Global Ultra-low Expansion Glass-Ceramics Company Evaluation Quadrant

Table 22. World Ultra-low Expansion Glass-Ceramics Industry Rank of Major Manufacturers, Based on Production Value in 2023

Table 23. Head Office and Ultra-low Expansion Glass-Ceramics Production Site of Key Manufacturer

Table 24. Ultra-low Expansion Glass-Ceramics Market: Company Product Type Footprint

Table 25. Ultra-low Expansion Glass-Ceramics Market: Company Product Application Footprint

Table 26. Ultra-low Expansion Glass-Ceramics Competitive Factors

Table 27. Ultra-low Expansion Glass-Ceramics New Entrant and Capacity Expansion Plans

Table 28. Ultra-low Expansion Glass-Ceramics Mergers & Acquisitions Activity

Table 29. United States VS China Ultra-low Expansion Glass-Ceramics Production Value Comparison, (2019 & 2023 & 2030) & (USD Million)

Table 30. United States VS China Ultra-low Expansion Glass-Ceramics Production Comparison, (2019 & 2023 & 2030) & (K Sqm)

Table 31. United States VS China Ultra-low Expansion Glass-Ceramics Consumption Comparison, (2019 & 2023 & 2030) & (K Sqm)

Table 32. United States Based Ultra-low Expansion Glass-Ceramics Manufacturers, Headquarters and Production Site (States, Country)

Table 33. United States Based Manufacturers Ultra-low Expansion Glass-Ceramics Production Value, (2019-2024) & (USD Million)

Table 34. United States Based Manufacturers Ultra-low Expansion Glass-Ceramics Production Value Market Share (2019-2024)

Table 35. United States Based Manufacturers Ultra-low Expansion Glass-Ceramics Production (2019-2024) & (K Sqm)

Table 36. United States Based Manufacturers Ultra-low Expansion Glass-Ceramics Production Market Share (2019-2024)

Table 37. China Based Ultra-low Expansion Glass-Ceramics Manufacturers, Headquarters and Production Site (Province, Country)

Table 38. China Based Manufacturers Ultra-low Expansion Glass-Ceramics Production Value, (2019-2024) & (USD Million)

Table 39. China Based Manufacturers Ultra-low Expansion Glass-Ceramics Production Value Market Share (2019-2024)



Table 40. China Based Manufacturers Ultra-low Expansion Glass-Ceramics Production (2019-2024) & (K Sqm)

Table 41. China Based Manufacturers Ultra-low Expansion Glass-Ceramics Production Market Share (2019-2024)

Table 42. Rest of World Based Ultra-low Expansion Glass-Ceramics Manufacturers, Headquarters and Production Site (States, Country)

Table 43. Rest of World Based Manufacturers Ultra-low Expansion Glass-Ceramics Production Value, (2019-2024) & (USD Million)

Table 44. Rest of World Based Manufacturers Ultra-low Expansion Glass-Ceramics Production Value Market Share (2019-2024)

Table 45. Rest of World Based Manufacturers Ultra-low Expansion Glass-Ceramics Production (2019-2024) & (K Sqm)

Table 46. Rest of World Based Manufacturers Ultra-low Expansion Glass-Ceramics Production Market Share (2019-2024)

Table 47. World Ultra-low Expansion Glass-Ceramics Production Value by Type, (USD Million), 2019 & 2023 & 2030

Table 48. World Ultra-low Expansion Glass-Ceramics Production by Type (2019-2024) & (K Sqm)

Table 49. World Ultra-low Expansion Glass-Ceramics Production by Type (2025-2030) & (K Sqm)

Table 50. World Ultra-low Expansion Glass-Ceramics Production Value by Type (2019-2024) & (USD Million)

Table 51. World Ultra-low Expansion Glass-Ceramics Production Value by Type (2025-2030) & (USD Million)

Table 52. World Ultra-low Expansion Glass-Ceramics Average Price by Type (2019-2024) & (US\$/Sqm)

Table 53. World Ultra-low Expansion Glass-Ceramics Average Price by Type (2025-2030) & (US\$/Sqm)

Table 54. World Ultra-low Expansion Glass-Ceramics Production Value by Application, (USD Million), 2019 & 2023 & 2030

Table 55. World Ultra-low Expansion Glass-Ceramics Production by Application (2019-2024) & (K Sqm)

Table 56. World Ultra-low Expansion Glass-Ceramics Production by Application (2025-2030) & (K Sqm)

Table 57. World Ultra-low Expansion Glass-Ceramics Production Value by Application (2019-2024) & (USD Million)

Table 58. World Ultra-low Expansion Glass-Ceramics Production Value by Application (2025-2030) & (USD Million)

Table 59. World Ultra-low Expansion Glass-Ceramics Average Price by Application



(2019-2024) & (US\$/Sqm)

Table 60. World Ultra-low Expansion Glass-Ceramics Average Price by Application

(2025-2030) & (US\$/Sqm)

Table 61. Schott AG Basic Information, Manufacturing Base and Competitors

Table 62. Schott AG Major Business

Table 63. Schott AG Ultra-low Expansion Glass-Ceramics Product and Services

Table 64. Schott AG Ultra-low Expansion Glass-Ceramics Production (K Sqm), Price (US\$/Sqm), Production Value (USD Million), Gross Margin and Market Share (2019-2024)

Table 65. Schott AG Recent Developments/Updates

Table 66. Schott AG Competitive Strengths & Weaknesses

Table 67. Corning Basic Information, Manufacturing Base and Competitors

Table 68. Corning Major Business

Table 69. Corning Ultra-low Expansion Glass-Ceramics Product and Services

Table 70. Corning Ultra-low Expansion Glass-Ceramics Production (K Sqm), Price (US\$/Sqm), Production Value (USD Million), Gross Margin and Market Share (2019-2024)

Table 71. Corning Recent Developments/Updates

Table 72. Corning Competitive Strengths & Weaknesses

Table 73. Ohara Basic Information, Manufacturing Base and Competitors

Table 74. Ohara Major Business

Table 75. Ohara Ultra-low Expansion Glass-Ceramics Product and Services

Table 76. Ohara Ultra-low Expansion Glass-Ceramics Production (K Sqm), Price (US\$/Sqm), Production Value (USD Million), Gross Margin and Market Share (2019-2024)

Table 77. Ohara Recent Developments/Updates

Table 78. Ohara Competitive Strengths & Weaknesses

Table 79. Stanford Advanced Materials Basic Information, Manufacturing Base and Competitors

Table 80. Stanford Advanced Materials Major Business

Table 81. Stanford Advanced Materials Ultra-low Expansion Glass-Ceramics Product and Services

Table 82. Stanford Advanced Materials Ultra-low Expansion Glass-Ceramics Production (K Sqm), Price (US\$/Sqm), Production Value (USD Million), Gross Margin and Market Share (2019-2024)

Table 83. Stanford Advanced Materials Recent Developments/Updates

Table 84. Stanford Advanced Materials Competitive Strengths & Weaknesses

Table 85. Jeannette Specialty Glass Basic Information, Manufacturing Base and Competitors

- Table 86. Jeannette Specialty Glass Major Business
- Table 87. Jeannette Specialty Glass Ultra-low Expansion Glass-Ceramics Product and Services
- Table 88. Jeannette Specialty Glass Ultra-low Expansion Glass-Ceramics Production (K Sqm), Price (US\$/Sqm), Production Value (USD Million), Gross Margin and Market Share (2019-2024)
- Table 89. Jeannette Specialty Glass Recent Developments/Updates
- Table 90. Jeannette Specialty Glass Competitive Strengths & Weaknesses
- Table 91. Elan Technology Basic Information, Manufacturing Base and Competitors
- Table 92. Elan Technology Major Business
- Table 93. Elan Technology Ultra-low Expansion Glass-Ceramics Product and Services
- Table 94. Elan Technology Ultra-low Expansion Glass-Ceramics Production (K Sqm), Price (US\$/Sqm), Production Value (USD Million), Gross Margin and Market Share (2019-2024)
- Table 95. Elan Technology Recent Developments/Updates
- Table 96. Elan Technology Competitive Strengths & Weaknesses
- Table 97. Nippon Electric Glass Basic Information, Manufacturing Base and Competitors
- Table 98. Nippon Electric Glass Major Business
- Table 99. Nippon Electric Glass Ultra-low Expansion Glass-Ceramics Product and Services
- Table 100. Nippon Electric Glass Ultra-low Expansion Glass-Ceramics Production (K Sqm), Price (US\$/Sqm), Production Value (USD Million), Gross Margin and Market Share (2019-2024)
- Table 101. Nippon Electric Glass Recent Developments/Updates
- Table 102. Okamoto Glass Basic Information, Manufacturing Base and Competitors
- Table 103. Okamoto Glass Major Business
- Table 104. Okamoto Glass Ultra-low Expansion Glass-Ceramics Product and Services
- Table 105. Okamoto Glass Ultra-low Expansion Glass-Ceramics Production (K Sqm), Price (US\$/Sqm), Production Value (USD Million), Gross Margin and Market Share (2019-2024)
- Table 106. Global Key Players of Ultra-low Expansion Glass-Ceramics Upstream (Raw Materials)
- Table 107. Ultra-low Expansion Glass-Ceramics Typical Customers
- Table 108. Ultra-low Expansion Glass-Ceramics Typical Distributors

## **LIST OF FIGURE**

Figure 1. Ultra-low Expansion Glass-Ceramics Picture

Figure 2. World Ultra-low Expansion Glass-Ceramics Production Value: 2019 & 2023 & 2030, (USD Million)

Figure 3. World Ultra-low Expansion Glass-Ceramics Production Value and Forecast (2019-2030) & (USD Million)

Figure 4. World Ultra-low Expansion Glass-Ceramics Production (2019-2030) & (K Sqm)

Figure 5. World Ultra-low Expansion Glass-Ceramics Average Price (2019-2030) & (US\$/Sqm)

Figure 6. World Ultra-low Expansion Glass-Ceramics Production Value Market Share by Region (2019-2030)

Figure 7. World Ultra-low Expansion Glass-Ceramics Production Market Share by Region (2019-2030)

Figure 8. North America Ultra-low Expansion Glass-Ceramics Production (2019-2030) & (K Sqm)

Figure 9. Europe Ultra-low Expansion Glass-Ceramics Production (2019-2030) & (K Sqm)

Figure 10. China Ultra-low Expansion Glass-Ceramics Production (2019-2030) & (K Sqm)

Figure 11. Japan Ultra-low Expansion Glass-Ceramics Production (2019-2030) & (K Sqm)

Figure 12. Ultra-low Expansion Glass-Ceramics Market Drivers

Figure 13. Factors Affecting Demand

Figure 14. World Ultra-low Expansion Glass-Ceramics Consumption (2019-2030) & (K Sqm)

Figure 15. World Ultra-low Expansion Glass-Ceramics Consumption Market Share by Region (2019-2030)

Figure 16. United States Ultra-low Expansion Glass-Ceramics Consumption (2019-2030) & (K Sqm)

Figure 17. China Ultra-low Expansion Glass-Ceramics Consumption (2019-2030) & (K Sqm)

Figure 18. Europe Ultra-low Expansion Glass-Ceramics Consumption (2019-2030) & (K Sqm)

Figure 19. Japan Ultra-low Expansion Glass-Ceramics Consumption (2019-2030) & (K Sqm)

Figure 20. South Korea Ultra-low Expansion Glass-Ceramics Consumption (2019-2030) & (K Sqm)

Figure 21. ASEAN Ultra-low Expansion Glass-Ceramics Consumption (2019-2030) & (K Sqm)

Figure 22. India Ultra-low Expansion Glass-Ceramics Consumption (2019-2030) & (K

Sqm)

Figure 23. Producer Shipments of Ultra-low Expansion Glass-Ceramics by Manufacturer Revenue (\$MM) and Market Share (%): 2023

Figure 24. Global Four-firm Concentration Ratios (CR4) for Ultra-low Expansion Glass-Ceramics Markets in 2023

Figure 25. Global Four-firm Concentration Ratios (CR8) for Ultra-low Expansion Glass-Ceramics Markets in 2023

Figure 26. United States VS China: Ultra-low Expansion Glass-Ceramics Production Value Market Share Comparison (2019 & 2023 & 2030)

Figure 27. United States VS China: Ultra-low Expansion Glass-Ceramics Production Market Share Comparison (2019 & 2023 & 2030)

Figure 28. United States VS China: Ultra-low Expansion Glass-Ceramics Consumption Market Share Comparison (2019 & 2023 & 2030)

Figure 29. United States Based Manufacturers Ultra-low Expansion Glass-Ceramics Production Market Share 2023

Figure 30. China Based Manufacturers Ultra-low Expansion Glass-Ceramics Production Market Share 2023

Figure 31. Rest of World Based Manufacturers Ultra-low Expansion Glass-Ceramics Production Market Share 2023

Figure 32. World Ultra-low Expansion Glass-Ceramics Production Value by Type, (USD Million), 2019 & 2023 & 2030

Figure 33. World Ultra-low Expansion Glass-Ceramics Production Value Market Share by Type in 2023

Figure 34. Thermal Conductivity Less or Equal to 1.5 K

Figure 35. Thermal Conductivity More than 1.5 K

Figure 36. World Ultra-low Expansion Glass-Ceramics Production Market Share by Type (2019-2030)

Figure 37. World Ultra-low Expansion Glass-Ceramics Production Value Market Share by Type (2019-2030)

Figure 38. World Ultra-low Expansion Glass-Ceramics Average Price by Type (2019-2030) & (US\$/Sqm)

Figure 39. World Ultra-low Expansion Glass-Ceramics Production Value by Application, (USD Million), 2019 & 2023 & 2030

Figure 40. World Ultra-low Expansion Glass-Ceramics Production Value Market Share by Application in 2023

Figure 41. Optics

Figure 42. Electronic

Figure 43. Aerospace

Figure 44. Others

Figure 45. World Ultra-low Expansion Glass-Ceramics Production Market Share by Application (2019-2030)

Figure 46. World Ultra-low Expansion Glass-Ceramics Production Value Market Share by Application (2019-2030)

Figure 47. World Ultra-low Expansion Glass-Ceramics Average Price by Application (2019-2030) & (US\$/Sqm)

Figure 48. Ultra-low Expansion Glass-Ceramics Industry Chain

Figure 49. Ultra-low Expansion Glass-Ceramics Procurement Model

Figure 50. Ultra-low Expansion Glass-Ceramics Sales Model

Figure 51. Ultra-low Expansion Glass-Ceramics Sales Channels, Direct Sales, and Distribution

Figure 52. Methodology

Figure 53. Research Process and Data Source

## I would like to order

Product name: Global Ultra-low Expansion Glass-Ceramics Supply, Demand and Key Producers, 2024-2030

Product link: <https://marketpublishers.com/r/G962CDC6467DEN.html>

Price: US\$ 4,480.00 (Single User License / Electronic Delivery)

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

[info@marketpublishers.com](mailto:info@marketpublishers.com)

## Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/G962CDC6467DEN.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

