

Global Electric Fused Opaque Quartz Market 2026 by Manufacturers, Regions, Type and Application, Forecast to 2032

<https://marketpublishers.com/r/G7A9136AF2F2EN.html>

Date: July 2026

Pages: 105

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

ID: G7A9136AF2F2EN

Abstracts

According to our (Global Info Research) latest study, the global Electric Fused Opaque Quartz market size was valued at US\$ 143 million in 2025 and is forecast to a readjusted size of US\$ 211 million by 2032 with a CAGR of 5.2% during review period.

In 2025, global production of electric fused opaque quartz reached 262,800 metric tons, with an average selling price of 530 US dollars per metric ton. Global annual production capacity for electric fused opaque quartz is approximately 400,000 metric tons, and the gross profit margin is approximately 25.2%. Electric fused opaque quartz is a type of quartz glass material prepared by the electric fusion method. Its core characteristic is the uniform dispersion of a large number of micron-sized bubbles within the material, resulting in an opaque appearance. It is made from raw materials such as quartz sand, foaming agents, and fumed silica, through processes including mixing and heating/molding. Its silicon dioxide (SiO₂) content is typically greater than 99.8%, and total impurity content is generally no more than 30 ?g/g. This material combines the excellent properties of quartz glass, such as high temperature resistance and chemical corrosion resistance, while the presence of bubbles enhances its thermal insulation performance by effectively scattering thermal radiation and reducing heat loss. It is widely used in thermal insulation, sealing, and other applications in heat treatment equipment within industries such as semiconductors and photovoltaics. The upstream supply chain for electric fused opaque quartz includes high-purity quartz ore, graphite electrodes, and refractory materials. The midstream segment consists of electric fused opaque quartz manufacturers, while downstream applications are primarily in the semiconductor, heat treatment equipment, and high-precision machining industries.

Currently, the global market for electric fused opaque quartz is at a stage of steady

growth alongside ongoing technological advancement. Driven by increasing performance requirements for high-temperature thermal insulation materials in downstream industries such as semiconductors, photovoltaics, and advanced heat treatment equipment, electric fused opaque quartz with its excellent thermal stability, corrosion resistance, and efficient thermal insulation and thermal radiation scattering capabilities resulting from its internal micro-bubble structure has gradually become an indispensable functional material in critical thermal field environments. As semiconductor manufacturing processes advance toward more sophisticated nodes and photovoltaic cell production demands higher thermal field uniformity and energy efficiency, downstream users have imposed stricter requirements on quartz materials regarding purity, bubble distribution uniformity, dimensional stability, and batch-to-batch consistency. Meanwhile, increased emphasis on raw material quality control across supply chains continues to drive manufacturers to optimize electric fusion and foaming technologies. Overall, the electric fused opaque quartz market is moving steadily toward higher purity, controllable bubble structures, greater product specification diversity, and finer application segmentation, in order to meet the needs of various industrial sectors for efficient thermal insulation and highly reliable quartz products.

This report is a detailed and comprehensive analysis for global Electric Fused Opaque Quartz 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 Electric Fused Opaque Quartz market size and forecasts, in consumption value (\$ Million), sales quantity (Kilotons), and average selling prices (US\$/Ton), 2021-2032

Global Electric Fused Opaque Quartz market size and forecasts by region and country, in consumption value (\$ Million), sales quantity (Kilotons), and average selling prices (US\$/Ton), 2021-2032

Global Electric Fused Opaque Quartz market size and forecasts, by Type and by Application, in consumption value (\$ Million), sales quantity (Kilotons), and average selling prices (US\$/Ton), 2021-2032

Global Electric Fused Opaque Quartz market shares of main players, shipments in revenue (\$ Million), sales quantity (Kilotons), 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 Electric Fused Opaque Quartz

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 Electric Fused Opaque Quartz 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 Heraeus Covantics, Momentive, Tosoh Quartz, Shin-Etsu, SCHOTT, McKeown International, Feilihua, PACIFIC QUARTZ, Ojing Science & Technology, etc.

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

Market Segmentation

Electric Fused Opaque Quartz 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

Blocks

Plates/Sheets

Pipes/Tubes

Market segment by Exterior Color

Milky White

Black

Market segment by Purity

?99.99%

99.9%?99.99%

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 Electric Fused Opaque Quartz Consumption Value by Type: 2021 Versus 2025 Versus 2032

1.3.2 Blocks

1.3.3 Plates/Sheets

1.3.4 Pipes/Tubes

1.4 Market Analysis by Exterior Color

1.4.1 Overview: Global Electric Fused Opaque Quartz Consumption Value by Exterior Color: 2021 Versus 2025 Versus 2032

1.4.2 Milky White

1.4.3 Black

1.5 Market Analysis by Purity

1.5.1 Overview: Global Electric Fused Opaque Quartz Consumption Value by Purity: 2021 Versus 2025 Versus 2032

1.5.2 ?99.99%

1.5.3 99.9%?99.99%

1.5.4

List Of Tables

LIST OF TABLES

Table 1. Global Electric Fused Opaque Quartz Consumption Value by Type, (USD Million), 2021 & 2025 & 2032

Table 2. Global Electric Fused Opaque Quartz Consumption Value by Exterior Color, (USD Million), 2021 & 2025 & 2032

Table 3. Global Electric Fused Opaque Quartz Consumption Value by Purity, (USD Million), 2021 & 2025 & 2032

Table 4. Global Electric Fused Opaque Quartz Consumption Value by Application, (USD Million), 2021 & 2025 & 2032

Table 5. Heraeus Covantics Basic Information, Manufacturing Base and Competitors

Table 6. Heraeus Covantics Major Business

Table 7. Heraeus Covantics Electric Fused Opaque Quartz Product and Services

Table 8. Heraeus Covantics Electric Fused Opaque Quartz Sales Quantity (Kilotons), Average Price (US\$/Ton), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 9. Heraeus Covantics Recent Developments/Updates

Table 10. Momentive Basic Information, Manufacturing Base and Competitors

Table 11. Momentive Major Business

Table 12. Momentive Electric Fused Opaque Quartz Product and Services

Table 13. Momentive Electric Fused Opaque Quartz Sales Quantity (Kilotons), Average Price (US\$/Ton), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 14. Momentive Recent Developments/Updates

Table 15. Tosoh Quartz Basic Information, Manufacturing Base and Competitors

Table 16. Tosoh Quartz Major Business

Table 17. Tosoh Quartz Electric Fused Opaque Quartz Product and Services

Table 18. Tosoh Quartz Electric Fused Opaque Quartz Sales Quantity (Kilotons), Average Price (US\$/Ton), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 19. Tosoh Quartz Recent Developments/Updates

Table 20. Shin-Etsu Basic Information, Manufacturing Base and Competitors

Table 21. Shin-Etsu Major Business

Table 22. Shin-Etsu Electric Fused Opaque Quartz Product and Services

Table 23. Shin-Etsu Electric Fused Opaque Quartz Sales Quantity (Kilotons), Average Price (US\$/Ton), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 24. Shin-Etsu Recent Developments/Updates

Table 25. SCHOTT Basic Information, Manufacturing Base and Competitors

Table 26. SCHOTT Major Business

Table 27. SCHOTT Electric Fused Opaque Quartz Product and Services

Table 28. SCHOTT Electric Fused Opaque Quartz Sales Quantity (Kilotons), Average Price (US\$/Ton), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 29. SCHOTT Recent Developments/Updates

Table 30. McKeown International Basic Information, Manufacturing Base and Competitors

Table 31. McKeown International Major Business

Table 32. McKeown International Electric Fused Opaque Quartz Product and Services

Table 33. McKeown International Electric Fused Opaque Quartz Sales Quantity (Kilotons), Average Price (US\$/Ton), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 34. McKeown International Recent Developments/Updates

Table 35. Feilihua Basic Information, Manufacturing Base and Competitors

Table 36. Feilihua Major Business

Table 37. Feilihua Electric Fused Opaque Quartz Product and Services

Table 38. Feilihua Electric Fused Opaque Quartz Sales Quantity (Kilotons), Average Price (US\$/Ton), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 39. Feilihua Recent Developments/Updates

Table 40. PACIFIC QUARTZ Basic Information, Manufacturing Base and Competitors

Table 41. PACIFIC QUARTZ Major Business

Table 42. PACIFIC QUARTZ Electric Fused Opaque Quartz Product and Services

Table 43. PACIFIC QUARTZ Electric Fused Opaque Quartz Sales Quantity (Kilotons), Average Price (US\$/Ton), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 44. PACIFIC QUARTZ Recent Developments/Updates

Table 45. Ojing Science & Technology Basic Information, Manufacturing Base and Competitors

Table 46. Ojing Science & Technology Major Business

Table 47. Ojing Science & Technology Electric Fused Opaque Quartz Product and Services

Table 48. Ojing Science & Technology Electric Fused Opaque Quartz Sales Quantity (Kilotons), Average Price (US\$/Ton), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 49. Ojing Science & Technology Recent Developments/Updates

Table 50. Global Electric Fused Opaque Quartz Sales Quantity by Manufacturer (2021-2026) & (Kilotons)

Table 51. Global Electric Fused Opaque Quartz Revenue by Manufacturer (2021-2026) & (USD Million)

Table 52. Global Electric Fused Opaque Quartz Average Price by Manufacturer (2021-2026) & (US\$/Ton)

Table 53. Market Position of Manufacturers in Electric Fused Opaque Quartz, (Tier 1, Tier 2, and Tier 3), Based on Revenue in 2025

Table 54. Head Office and Electric Fused Opaque Quartz Production Site of Key Manufacturer

Table 55. Electric Fused Opaque Quartz Market: Company Product Type Footprint

Table 56. Electric Fused Opaque Quartz Market: Company Product Application Footprint

Table 57. Electric Fused Opaque Quartz New Market Entrants and Barriers to Market Entry

Table 58. Electric Fused Opaque Quartz Mergers, Acquisition, Agreements, and Collaborations

Table 59. Global Electric Fused Opaque Quartz Consumption Value by Region (2021-2025-2032) & (USD Million) & CAGR

Table 60. Global Electric Fused Opaque Quartz Sales Quantity by Region (2021-2026) & (Kilotons)

Table 61. Global Electric Fused Opaque Quartz Sales Quantity by Region (2027-2032) & (Kilotons)

Table 62. Global Electric Fused Opaque Quartz Consumption Value by Region (2021-2026) & (USD Million)

Table 63. Global Electric Fused Opaque Quartz Consumption Value by Region (2027-2032) & (USD Million)

Table 64. Global Electric Fused Opaque Quartz Average Price by Region (2021-2026) & (US\$/Ton)

Table 65. Global Electric Fused Opaque Quartz Average Price by Region (2027-2032) & (US\$/Ton)

Table 66. Global Electric Fused Opaque Quartz Sales Quantity by Type (2021-2026) & (Kilotons)

Table 67. Global Electric Fused Opaque Quartz Sales Quantity by Type (2027-2032) & (Kilotons)

Table 68. Global Electric Fused Opaque Quartz Consumption Value by Type (2021-2026) & (USD Million)

Table 69. Global Electric Fused Opaque Quartz Consumption Value by Type (2027-2032) & (USD Million)

Table 70. Global Electric Fused Opaque Quartz Average Price by Type (2021-2026) & (US\$/Ton)

Table 71. Global Electric Fused Opaque Quartz Average Price by Type (2027-2032) & (US\$/Ton)

Table 72. Global Electric Fused Opaque Quartz Sales Quantity by Application (2021-2026) & (Kilotons)

Table 73. Global Electric Fused Opaque Quartz Sales Quantity by Application (2027-2032) & (Kilotons)

Table 74. Global Electric Fused Opaque Quartz Consumption Value by Application (2021-2026) & (USD Million)

Table 75. Global Electric Fused Opaque Quartz Consumption Value by Application (2027-2032) & (USD Million)

Table 76. Global Electric Fused Opaque Quartz Average Price by Application (2021-2026) & (US\$/Ton)

Table 77. Global Electric Fused Opaque Quartz Average Price by Application (2027-2032) & (US\$/Ton)

Table 78. North America Electric Fused Opaque Quartz Sales Quantity by Type (2021-2026) & (Kilotons)

Table 79. North America Electric Fused Opaque Quartz Sales Quantity by Type (2027-2032) & (Kilotons)

Table 80. North America Electric Fused Opaque Quartz Sales Quantity by Application (2021-2026) & (Kilotons)

Table 81. North America Electric Fused Opaque Quartz Sales Quantity by Application (2027-2032) & (Kilotons)

Table 82. North America Electric Fused Opaque Quartz Sales Quantity by Country (2021-2026) & (Kilotons)

Table 83. North America Electric Fused Opaque Quartz Sales Quantity by Country (2027-2032) & (Kilotons)

Table 84. North America Electric Fused Opaque Quartz Consumption Value by Country (2021-2026) & (USD Million)

Table 85. North America Electric Fused Opaque Quartz Consumption Value by Country (2027-2032) & (USD Million)

Table 86. Europe Electric Fused Opaque Quartz Sales Quantity by Type (2021-2026) & (Kilotons)

Table 87. Europe Electric Fused Opaque Quartz Sales Quantity by Type (2027-2032) & (Kilotons)

Table 88. Europe Electric Fused Opaque Quartz Sales Quantity by Application (2021-2026) & (Kilotons)

Table 89. Europe Electric Fused Opaque Quartz Sales Quantity by Application (2027-2032) & (Kilotons)

Table 90. Europe Electric Fused Opaque Quartz Sales Quantity by Country (2021-2026) & (Kilotons)

Table 91. Europe Electric Fused Opaque Quartz Sales Quantity by Country

(2027-2032) & (Kilotons)

Table 92. Europe Electric Fused Opaque Quartz Consumption Value by Country
(2021-2026) & (USD Million)

Table 93. Europe Electric Fused Opaque Quartz Consumption Value by Country
(2027-2032) & (USD Million)

Table 94. Asia-Pacific Electric Fused Opaque Quartz Sales Quantity by Type
(2021-2026) & (Kilotons)

Table 95. Asia-Pacific Electric Fused Opaque Quartz Sales Quantity by Type
(2027-2032) & (Kilotons)

Table 96. Asia-Pacific Electric Fused Opaque Quartz Sales Quantity by Application
(2021-2026) & (Kilotons)

Table 97. Asia-Pacific Electric Fused Opaque Quartz Sales Quantity by Application
(2027-2032) & (Kilotons)

Table 98. Asia-Pacific Electric Fused Opaque Quartz Sales Quantity by Region
(2021-2026) & (Kilotons)

Table 99. Asia-Pacific Electric Fused Opaque Quartz Sales Quantity by Region
(2027-2032) & (Kilotons)

Table 100. Asia-Pacific Electric Fused Opaque Quartz Consumption Value by Region
(2021-2026) & (USD Million)

Table 101. Asia-Pacific Electric Fused Opaque Quartz Consumption Value by Region
(2027-2032) & (USD Million)

Table 102. South America Electric Fused Opaque Quartz Sales Quantity by Type
(2021-2026) & (Kilotons)

Table 103. South America Electric Fused Opaque Quartz Sales Quantity by Type
(2027-2032) & (Kilotons)

Table 104. South America Electric Fused Opaque Quartz Sales Quantity by Application
(2021-2026) & (Kilotons)

Table 105. South America Electric Fused Opaque Quartz Sales Quantity by Application
(2027-2032) & (Kilotons)

Table 106. South America Electric Fused Opaque Quartz Sales Quantity by Country
(2021-2026) & (Kilotons)

Table 107. South America Electric Fused Opaque Quartz Sales Quantity by Country
(2027-2032) & (Kilotons)

Table 108. South America Electric Fused Opaque Quartz Consumption Value by
Country (2021-2026) & (USD Million)

Table 109. South America Electric Fused Opaque Quartz Consumption Value by
Country (2027-2032) & (USD Million)

Table 110. Middle East & Africa Electric Fused Opaque Quartz Sales Quantity by Type
(2021-2026) & (Kilotons)

Table 111. Middle East & Africa Electric Fused Opaque Quartz Sales Quantity by Type (2027-2032) & (Kilotons)

Table 112. Middle East & Africa Electric Fused Opaque Quartz Sales Quantity by Application (2021-2026) & (Kilotons)

Table 113. Middle East & Africa Electric Fused Opaque Quartz Sales Quantity by Application (2027-2032) & (Kilotons)

Table 114. Middle East & Africa Electric Fused Opaque Quartz Sales Quantity by Country (2021-2026) & (Kilotons)

Table 115. Middle East & Africa Electric Fused Opaque Quartz Sales Quantity by Country (2027-2032) & (Kilotons)

Table 116. Middle East & Africa Electric Fused Opaque Quartz Consumption Value by Country (2021-2026) & (USD Million)

Table 117. Middle East & Africa Electric Fused Opaque Quartz Consumption Value by Country (2027-2032) & (USD Million)

Table 118. Electric Fused Opaque Quartz Raw Material

Table 119. Key Manufacturers of Electric Fused Opaque Quartz Raw Materials

Table 120. Electric Fused Opaque Quartz Typical Distributors

Table 121. Electric Fused Opaque Quartz Typical Customers

List Of Figures

LIST OF FIGURES

Figure 1. Electric Fused Opaque Quartz Picture

Figure 2. Global Electric Fused Opaque Quartz Revenue by Type, (USD Million), 2021 & 2025 & 2032

Figure 3. Global Electric Fused Opaque Quartz Revenue Market Share by Type in 2025

Figure 4. Blocks Examples

Figure 5. Plates/Sheets Examples

Figure 6. Pipes/Tubes Examples

Figure 7. Global Electric Fused Opaque Quartz Revenue by Exterior Color, (USD Million), 2021 & 2025 & 2032

Figure 8. Global Electric Fused Opaque Quartz Revenue Market Share by Exterior Color in 2025

Figure 9. Milky White Examples

Figure 10. Black Examples

Figure 11. Global Electric Fused Opaque Quartz Revenue by Purity, (USD Million), 2021 & 2025 & 2032

Figure 12. Global Electric Fused Opaque Quartz Revenue Market Share by Purity in 2025

Figure 13. 99.99% Examples

Figure 14. 99.9%-99.99% Examples

Figure 15.

I would like to order

Product name: Global Electric Fused Opaque Quartz Market 2026 by Manufacturers, Regions, Type and Application, Forecast to 2032

Product link: <https://marketpublishers.com/r/G7A9136AF2F2EN.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/G7A9136AF2F2EN.html>