

Global Smart Materials Market 2024 by Manufacturers, Regions, Type and Application, Forecast to 2030

<https://marketpublishers.com/r/G03A286B970EN.html>

Date: January 2024

Pages: 132

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

ID: G03A286B970EN

Abstracts

According to our (Global Info Research) latest study, the global Smart Materials market size was valued at USD 5612.7 million in 2023 and is forecast to a readjusted size of USD 8781.5 million by 2030 with a CAGR of 6.6% during review period.

Smart materials are the basis of many applications, including sensors and actuators, or artificial muscles, particularly as electroactive polymers (EAPs). Terms used to describe smart materials include shape memory material (SMM) and shape memory technology (SMT).

North America is the largest Smart Materials market with about 33% market share. Europe is follower, accounting for about 32% market share.

The key players are Harris, MURATA, Solvay, Johnson Matthey, Arkema, Meggitt Sensing, KYOCERA, Piezo Kinetics, Gentex Corporation, Saint-Gobain (Sage Glass), View, ChromoGenics, LCR Hallcrest, Nitinol Devices & Components, SAES Getters, G.RAU, ATI Wah-chang, Fort Wayne Metals etc. Top 3 companies occupied about 34% market share.

The Global Info Research report includes an overview of the development of the Smart Materials industry chain, the market status of Electronic Industry (Piezoelectric Materials, Shape Memory Material), Automobile (Piezoelectric Materials, Shape Memory Material), and key enterprises in developed and developing market, and analysed the cutting-edge technology, patent, hot applications and market trends of Smart Materials.

Regionally, the report analyzes the Smart Materials markets in key regions. North

America and Europe are experiencing steady growth, driven by government initiatives and increasing consumer awareness. Asia-Pacific, particularly China, leads the global Smart Materials market, with robust domestic demand, supportive policies, and a strong manufacturing base.

Key Features:

The report presents comprehensive understanding of the Smart Materials market. It provides a holistic view of the industry, as well as detailed insights into individual components and stakeholders. The report analysis market dynamics, trends, challenges, and opportunities within the Smart Materials industry.

The report involves analyzing the market at a macro level:

Market Sizing and Segmentation: Report collect data on the overall market size, including the sales quantity (K sq.ft), revenue generated, and market share of different by Type (e.g., Piezoelectric Materials, Shape Memory Material).

Industry Analysis: Report analyse the broader industry trends, such as government policies and regulations, technological advancements, consumer preferences, and market dynamics. This analysis helps in understanding the key drivers and challenges influencing the Smart Materials market.

Regional Analysis: The report involves examining the Smart Materials market at a regional or national level. Report analyses regional factors such as government incentives, infrastructure development, economic conditions, and consumer behaviour to identify variations and opportunities within different markets.

Market Projections: Report covers the gathered data and analysis to make future projections and forecasts for the Smart Materials market. This may include estimating market growth rates, predicting market demand, and identifying emerging trends.

The report also involves a more granular approach to Smart Materials:

Company Analysis: Report covers individual Smart Materials manufacturers, suppliers, and other relevant industry players. This analysis includes studying their financial performance, market positioning, product portfolios, partnerships, and strategies.

Consumer Analysis: Report covers data on consumer behaviour, preferences, and

attitudes towards Smart Materials This may involve surveys, interviews, and analysis of consumer reviews and feedback from different by Application (Electronic Industry, Automobile).

Technology Analysis: Report covers specific technologies relevant to Smart Materials. It assesses the current state, advancements, and potential future developments in Smart Materials areas.

Competitive Landscape: By analyzing individual companies, suppliers, and consumers, the report present insights into the competitive landscape of the Smart Materials market. This analysis helps understand market share, competitive advantages, and potential areas for differentiation among industry players.

Market Validation: The report involves validating findings and projections through primary research, such as surveys, interviews, and focus groups.

Market Segmentation

Smart Materials market is split by Type and by Application. For the period 2019-2030, the growth among segments provides accurate calculations and forecasts for consumption value by Type, and by Application in terms of volume and value.

Market segment by Type

Piezoelectric Materials

Shape Memory Material

Electrochromic Materials

Shape Memory Polymer

Thermochromic Materials

Others

Market segment by Application

Electronic Industry

Automobile

Food and Beverages

Biomedical Industry

Others

Major players covered

Harris

MURATA

Solvay

Johnson Matthey

Arkema

Meggitt Sensing

KYOCERA

Piezo Kinetics

Gentex Corporation

Saint-Gobain (Sage Glass)

View

ChromoGenics

LCR Hallcrest

Nitinol Devices & Components

SAES Getters

G.RAU

ATI Wah-chang

Fort Wayne Metals

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 Smart Materials product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of Smart Materials, with price, sales, revenue and global market share of Smart Materials from 2019 to 2024.

Chapter 3, the Smart Materials competitive situation, sales quantity, revenue and global market share of top manufacturers are analyzed emphatically by landscape contrast.

Chapter 4, the Smart Materials breakdown data are shown at the regional level, to show the sales quantity, consumption value and growth by regions, from 2019 to 2030.

Chapter 5 and 6, to segment the sales by Type and application, with sales market share and growth rate by type, application, from 2019 to 2030.

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 2017 to 2023. and Smart Materials market forecast, by regions, type and application, with sales and revenue, from 2025 to 2030.

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 Smart Materials.

Chapter 14 and 15, to describe Smart Materials sales channel, distributors, customers, research findings and conclusion.

Contents

1 MARKET OVERVIEW

- 1.1 Product Overview and Scope of Smart Materials
- 1.2 Market Estimation Caveats and Base Year
- 1.3 Market Analysis by Type
 - 1.3.1 Overview: Global Smart Materials Consumption Value by Type: 2019 Versus 2023 Versus 2030
 - 1.3.2 Piezoelectric Materials
 - 1.3.3 Shape Memory Material
 - 1.3.4 Electrochromic Materials
 - 1.3.5 Shape Memory Polymer
 - 1.3.6 Thermochromic Materials
 - 1.3.7 Others
- 1.4 Market Analysis by Application
 - 1.4.1 Overview: Global Smart Materials Consumption Value by Application: 2019 Versus 2023 Versus 2030
 - 1.4.2 Electronic Industry
 - 1.4.3 Automobile
 - 1.4.4 Food and Beverages
 - 1.4.5 Biomedical Industry
 - 1.4.6 Others
- 1.5 Global Smart Materials Market Size & Forecast
 - 1.5.1 Global Smart Materials Consumption Value (2019 & 2023 & 2030)
 - 1.5.2 Global Smart Materials Sales Quantity (2019-2030)
 - 1.5.3 Global Smart Materials Average Price (2019-2030)

2 MANUFACTURERS PROFILES

- 2.1 Harris
 - 2.1.1 Harris Details
 - 2.1.2 Harris Major Business
 - 2.1.3 Harris Smart Materials Product and Services
 - 2.1.4 Harris Smart Materials Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)
 - 2.1.5 Harris Recent Developments/Updates
- 2.2 MURATA
 - 2.2.1 MURATA Details

- 2.2.2 MURATA Major Business
- 2.2.3 MURATA Smart Materials Product and Services
- 2.2.4 MURATA Smart Materials Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)
- 2.2.5 MURATA Recent Developments/Updates
- 2.3 Solvay
 - 2.3.1 Solvay Details
 - 2.3.2 Solvay Major Business
 - 2.3.3 Solvay Smart Materials Product and Services
 - 2.3.4 Solvay Smart Materials Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)
 - 2.3.5 Solvay Recent Developments/Updates
- 2.4 Johnson Matthey
 - 2.4.1 Johnson Matthey Details
 - 2.4.2 Johnson Matthey Major Business
 - 2.4.3 Johnson Matthey Smart Materials Product and Services
 - 2.4.4 Johnson Matthey Smart Materials Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)
 - 2.4.5 Johnson Matthey Recent Developments/Updates
- 2.5 Arkema
 - 2.5.1 Arkema Details
 - 2.5.2 Arkema Major Business
 - 2.5.3 Arkema Smart Materials Product and Services
 - 2.5.4 Arkema Smart Materials Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)
 - 2.5.5 Arkema Recent Developments/Updates
- 2.6 Meggitt Sensing
 - 2.6.1 Meggitt Sensing Details
 - 2.6.2 Meggitt Sensing Major Business
 - 2.6.3 Meggitt Sensing Smart Materials Product and Services
 - 2.6.4 Meggitt Sensing Smart Materials Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)
 - 2.6.5 Meggitt Sensing Recent Developments/Updates
- 2.7 KYOCERA
 - 2.7.1 KYOCERA Details
 - 2.7.2 KYOCERA Major Business
 - 2.7.3 KYOCERA Smart Materials Product and Services
 - 2.7.4 KYOCERA Smart Materials Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)

- 2.7.5 KYOCERA Recent Developments/Updates
- 2.8 Piezo Kinetics
 - 2.8.1 Piezo Kinetics Details
 - 2.8.2 Piezo Kinetics Major Business
 - 2.8.3 Piezo Kinetics Smart Materials Product and Services
 - 2.8.4 Piezo Kinetics Smart Materials Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)
 - 2.8.5 Piezo Kinetics Recent Developments/Updates
- 2.9 Gentex Corporation
 - 2.9.1 Gentex Corporation Details
 - 2.9.2 Gentex Corporation Major Business
 - 2.9.3 Gentex Corporation Smart Materials Product and Services
 - 2.9.4 Gentex Corporation Smart Materials Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)
 - 2.9.5 Gentex Corporation Recent Developments/Updates
- 2.10 Saint-Gobain (Sage Glass)
 - 2.10.1 Saint-Gobain (Sage Glass) Details
 - 2.10.2 Saint-Gobain (Sage Glass) Major Business
 - 2.10.3 Saint-Gobain (Sage Glass) Smart Materials Product and Services
 - 2.10.4 Saint-Gobain (Sage Glass) Smart Materials Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)
 - 2.10.5 Saint-Gobain (Sage Glass) Recent Developments/Updates
- 2.11 View
 - 2.11.1 View Details
 - 2.11.2 View Major Business
 - 2.11.3 View Smart Materials Product and Services
 - 2.11.4 View Smart Materials Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)
 - 2.11.5 View Recent Developments/Updates
- 2.12 ChromoGenics
 - 2.12.1 ChromoGenics Details
 - 2.12.2 ChromoGenics Major Business
 - 2.12.3 ChromoGenics Smart Materials Product and Services
 - 2.12.4 ChromoGenics Smart Materials Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)
 - 2.12.5 ChromoGenics Recent Developments/Updates
- 2.13 LCR Hallcrest
 - 2.13.1 LCR Hallcrest Details
 - 2.13.2 LCR Hallcrest Major Business

- 2.13.3 LCR Hallcrest Smart Materials Product and Services
- 2.13.4 LCR Hallcrest Smart Materials Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)
- 2.13.5 LCR Hallcrest Recent Developments/Updates
- 2.14 Nitinol Devices & Components
 - 2.14.1 Nitinol Devices & Components Details
 - 2.14.2 Nitinol Devices & Components Major Business
 - 2.14.3 Nitinol Devices & Components Smart Materials Product and Services
 - 2.14.4 Nitinol Devices & Components Smart Materials Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)
 - 2.14.5 Nitinol Devices & Components Recent Developments/Updates
- 2.15 SAES Getters
 - 2.15.1 SAES Getters Details
 - 2.15.2 SAES Getters Major Business
 - 2.15.3 SAES Getters Smart Materials Product and Services
 - 2.15.4 SAES Getters Smart Materials Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)
 - 2.15.5 SAES Getters Recent Developments/Updates
- 2.16 G.RAU
 - 2.16.1 G.RAU Details
 - 2.16.2 G.RAU Major Business
 - 2.16.3 G.RAU Smart Materials Product and Services
 - 2.16.4 G.RAU Smart Materials Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)
 - 2.16.5 G.RAU Recent Developments/Updates
- 2.17 ATI Wah-chang
 - 2.17.1 ATI Wah-chang Details
 - 2.17.2 ATI Wah-chang Major Business
 - 2.17.3 ATI Wah-chang Smart Materials Product and Services
 - 2.17.4 ATI Wah-chang Smart Materials Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)
 - 2.17.5 ATI Wah-chang Recent Developments/Updates
- 2.18 Fort Wayne Metals
 - 2.18.1 Fort Wayne Metals Details
 - 2.18.2 Fort Wayne Metals Major Business
 - 2.18.3 Fort Wayne Metals Smart Materials Product and Services
 - 2.18.4 Fort Wayne Metals Smart Materials Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)
 - 2.18.5 Fort Wayne Metals Recent Developments/Updates

3 COMPETITIVE ENVIRONMENT: SMART MATERIALS BY MANUFACTURER

- 3.1 Global Smart Materials Sales Quantity by Manufacturer (2019-2024)
- 3.2 Global Smart Materials Revenue by Manufacturer (2019-2024)
- 3.3 Global Smart Materials Average Price by Manufacturer (2019-2024)
- 3.4 Market Share Analysis (2023)
 - 3.4.1 Producer Shipments of Smart Materials by Manufacturer Revenue (\$MM) and Market Share (%): 2023
 - 3.4.2 Top 3 Smart Materials Manufacturer Market Share in 2023
 - 3.4.2 Top 6 Smart Materials Manufacturer Market Share in 2023
- 3.5 Smart Materials Market: Overall Company Footprint Analysis
 - 3.5.1 Smart Materials Market: Region Footprint
 - 3.5.2 Smart Materials Market: Company Product Type Footprint
 - 3.5.3 Smart Materials 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 Smart Materials Market Size by Region
 - 4.1.1 Global Smart Materials Sales Quantity by Region (2019-2030)
 - 4.1.2 Global Smart Materials Consumption Value by Region (2019-2030)
 - 4.1.3 Global Smart Materials Average Price by Region (2019-2030)
- 4.2 North America Smart Materials Consumption Value (2019-2030)
- 4.3 Europe Smart Materials Consumption Value (2019-2030)
- 4.4 Asia-Pacific Smart Materials Consumption Value (2019-2030)
- 4.5 South America Smart Materials Consumption Value (2019-2030)
- 4.6 Middle East and Africa Smart Materials Consumption Value (2019-2030)

5 MARKET SEGMENT BY TYPE

- 5.1 Global Smart Materials Sales Quantity by Type (2019-2030)
- 5.2 Global Smart Materials Consumption Value by Type (2019-2030)
- 5.3 Global Smart Materials Average Price by Type (2019-2030)

6 MARKET SEGMENT BY APPLICATION

- 6.1 Global Smart Materials Sales Quantity by Application (2019-2030)

6.2 Global Smart Materials Consumption Value by Application (2019-2030)

6.3 Global Smart Materials Average Price by Application (2019-2030)

7 NORTH AMERICA

7.1 North America Smart Materials Sales Quantity by Type (2019-2030)

7.2 North America Smart Materials Sales Quantity by Application (2019-2030)

7.3 North America Smart Materials Market Size by Country

7.3.1 North America Smart Materials Sales Quantity by Country (2019-2030)

7.3.2 North America Smart Materials Consumption Value by Country (2019-2030)

7.3.3 United States Market Size and Forecast (2019-2030)

7.3.4 Canada Market Size and Forecast (2019-2030)

7.3.5 Mexico Market Size and Forecast (2019-2030)

8 EUROPE

8.1 Europe Smart Materials Sales Quantity by Type (2019-2030)

8.2 Europe Smart Materials Sales Quantity by Application (2019-2030)

8.3 Europe Smart Materials Market Size by Country

8.3.1 Europe Smart Materials Sales Quantity by Country (2019-2030)

8.3.2 Europe Smart Materials Consumption Value by Country (2019-2030)

8.3.3 Germany Market Size and Forecast (2019-2030)

8.3.4 France Market Size and Forecast (2019-2030)

8.3.5 United Kingdom Market Size and Forecast (2019-2030)

8.3.6 Russia Market Size and Forecast (2019-2030)

8.3.7 Italy Market Size and Forecast (2019-2030)

9 ASIA-PACIFIC

9.1 Asia-Pacific Smart Materials Sales Quantity by Type (2019-2030)

9.2 Asia-Pacific Smart Materials Sales Quantity by Application (2019-2030)

9.3 Asia-Pacific Smart Materials Market Size by Region

9.3.1 Asia-Pacific Smart Materials Sales Quantity by Region (2019-2030)

9.3.2 Asia-Pacific Smart Materials Consumption Value by Region (2019-2030)

9.3.3 China Market Size and Forecast (2019-2030)

9.3.4 Japan Market Size and Forecast (2019-2030)

9.3.5 Korea Market Size and Forecast (2019-2030)

9.3.6 India Market Size and Forecast (2019-2030)

9.3.7 Southeast Asia Market Size and Forecast (2019-2030)

9.3.8 Australia Market Size and Forecast (2019-2030)

10 SOUTH AMERICA

10.1 South America Smart Materials Sales Quantity by Type (2019-2030)

10.2 South America Smart Materials Sales Quantity by Application (2019-2030)

10.3 South America Smart Materials Market Size by Country

10.3.1 South America Smart Materials Sales Quantity by Country (2019-2030)

10.3.2 South America Smart Materials Consumption Value by Country (2019-2030)

10.3.3 Brazil Market Size and Forecast (2019-2030)

10.3.4 Argentina Market Size and Forecast (2019-2030)

11 MIDDLE EAST & AFRICA

11.1 Middle East & Africa Smart Materials Sales Quantity by Type (2019-2030)

11.2 Middle East & Africa Smart Materials Sales Quantity by Application (2019-2030)

11.3 Middle East & Africa Smart Materials Market Size by Country

11.3.1 Middle East & Africa Smart Materials Sales Quantity by Country (2019-2030)

11.3.2 Middle East & Africa Smart Materials Consumption Value by Country (2019-2030)

11.3.3 Turkey Market Size and Forecast (2019-2030)

11.3.4 Egypt Market Size and Forecast (2019-2030)

11.3.5 Saudi Arabia Market Size and Forecast (2019-2030)

11.3.6 South Africa Market Size and Forecast (2019-2030)

12 MARKET DYNAMICS

12.1 Smart Materials Market Drivers

12.2 Smart Materials Market Restraints

12.3 Smart Materials 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 Smart Materials and Key Manufacturers
- 13.2 Manufacturing Costs Percentage of Smart Materials
- 13.3 Smart Materials Production Process
- 13.4 Smart Materials Industrial Chain

14 SHIPMENTS BY DISTRIBUTION CHANNEL

- 14.1 Sales Channel
 - 14.1.1 Direct to End-User
 - 14.1.2 Distributors
- 14.2 Smart Materials Typical Distributors
- 14.3 Smart Materials 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 Smart Materials Consumption Value by Type, (USD Million), 2019 & 2023 & 2030

Table 2. Global Smart Materials Consumption Value by Application, (USD Million), 2019 & 2023 & 2030

Table 3. Harris Basic Information, Manufacturing Base and Competitors

Table 4. Harris Major Business

Table 5. Harris Smart Materials Product and Services

Table 6. Harris Smart Materials Sales Quantity (K sq.ft), Average Price (USD/sq.ft), Revenue (USD Million), Gross Margin and Market Share (2019-2024)

Table 7. Harris Recent Developments/Updates

Table 8. MURATA Basic Information, Manufacturing Base and Competitors

Table 9. MURATA Major Business

Table 10. MURATA Smart Materials Product and Services

Table 11. MURATA Smart Materials Sales Quantity (K sq.ft), Average Price (USD/sq.ft), Revenue (USD Million), Gross Margin and Market Share (2019-2024)

Table 12. MURATA Recent Developments/Updates

Table 13. Solvay Basic Information, Manufacturing Base and Competitors

Table 14. Solvay Major Business

Table 15. Solvay Smart Materials Product and Services

Table 16. Solvay Smart Materials Sales Quantity (K sq.ft), Average Price (USD/sq.ft), Revenue (USD Million), Gross Margin and Market Share (2019-2024)

Table 17. Solvay Recent Developments/Updates

Table 18. Johnson Matthey Basic Information, Manufacturing Base and Competitors

Table 19. Johnson Matthey Major Business

Table 20. Johnson Matthey Smart Materials Product and Services

Table 21. Johnson Matthey Smart Materials Sales Quantity (K sq.ft), Average Price (USD/sq.ft), Revenue (USD Million), Gross Margin and Market Share (2019-2024)

Table 22. Johnson Matthey Recent Developments/Updates

Table 23. Arkema Basic Information, Manufacturing Base and Competitors

Table 24. Arkema Major Business

Table 25. Arkema Smart Materials Product and Services

Table 26. Arkema Smart Materials Sales Quantity (K sq.ft), Average Price (USD/sq.ft), Revenue (USD Million), Gross Margin and Market Share (2019-2024)

Table 27. Arkema Recent Developments/Updates

Table 28. Meggitt Sensing Basic Information, Manufacturing Base and Competitors

- Table 29. Meggitt Sensing Major Business
- Table 30. Meggitt Sensing Smart Materials Product and Services
- Table 31. Meggitt Sensing Smart Materials Sales Quantity (K sq.ft), Average Price (USD/sq.ft), Revenue (USD Million), Gross Margin and Market Share (2019-2024)
- Table 32. Meggitt Sensing Recent Developments/Updates
- Table 33. KYOCERA Basic Information, Manufacturing Base and Competitors
- Table 34. KYOCERA Major Business
- Table 35. KYOCERA Smart Materials Product and Services
- Table 36. KYOCERA Smart Materials Sales Quantity (K sq.ft), Average Price (USD/sq.ft), Revenue (USD Million), Gross Margin and Market Share (2019-2024)
- Table 37. KYOCERA Recent Developments/Updates
- Table 38. Piezo Kinetics Basic Information, Manufacturing Base and Competitors
- Table 39. Piezo Kinetics Major Business
- Table 40. Piezo Kinetics Smart Materials Product and Services
- Table 41. Piezo Kinetics Smart Materials Sales Quantity (K sq.ft), Average Price (USD/sq.ft), Revenue (USD Million), Gross Margin and Market Share (2019-2024)
- Table 42. Piezo Kinetics Recent Developments/Updates
- Table 43. Gentex Corporation Basic Information, Manufacturing Base and Competitors
- Table 44. Gentex Corporation Major Business
- Table 45. Gentex Corporation Smart Materials Product and Services
- Table 46. Gentex Corporation Smart Materials Sales Quantity (K sq.ft), Average Price (USD/sq.ft), Revenue (USD Million), Gross Margin and Market Share (2019-2024)
- Table 47. Gentex Corporation Recent Developments/Updates
- Table 48. Saint-Gobain (Sage Glass) Basic Information, Manufacturing Base and Competitors
- Table 49. Saint-Gobain (Sage Glass) Major Business
- Table 50. Saint-Gobain (Sage Glass) Smart Materials Product and Services
- Table 51. Saint-Gobain (Sage Glass) Smart Materials Sales Quantity (K sq.ft), Average Price (USD/sq.ft), Revenue (USD Million), Gross Margin and Market Share (2019-2024)
- Table 52. Saint-Gobain (Sage Glass) Recent Developments/Updates
- Table 53. View Basic Information, Manufacturing Base and Competitors
- Table 54. View Major Business
- Table 55. View Smart Materials Product and Services
- Table 56. View Smart Materials Sales Quantity (K sq.ft), Average Price (USD/sq.ft), Revenue (USD Million), Gross Margin and Market Share (2019-2024)
- Table 57. View Recent Developments/Updates
- Table 58. ChromoGenics Basic Information, Manufacturing Base and Competitors
- Table 59. ChromoGenics Major Business
- Table 60. ChromoGenics Smart Materials Product and Services

- Table 61. ChromoGenics Smart Materials Sales Quantity (K sq.ft), Average Price (USD/sq.ft), Revenue (USD Million), Gross Margin and Market Share (2019-2024)
- Table 62. ChromoGenics Recent Developments/Updates
- Table 63. LCR Hallcrest Basic Information, Manufacturing Base and Competitors
- Table 64. LCR Hallcrest Major Business
- Table 65. LCR Hallcrest Smart Materials Product and Services
- Table 66. LCR Hallcrest Smart Materials Sales Quantity (K sq.ft), Average Price (USD/sq.ft), Revenue (USD Million), Gross Margin and Market Share (2019-2024)
- Table 67. LCR Hallcrest Recent Developments/Updates
- Table 68. Nitinol Devices & Components Basic Information, Manufacturing Base and Competitors
- Table 69. Nitinol Devices & Components Major Business
- Table 70. Nitinol Devices & Components Smart Materials Product and Services
- Table 71. Nitinol Devices & Components Smart Materials Sales Quantity (K sq.ft), Average Price (USD/sq.ft), Revenue (USD Million), Gross Margin and Market Share (2019-2024)
- Table 72. Nitinol Devices & Components Recent Developments/Updates
- Table 73. SAES Getters Basic Information, Manufacturing Base and Competitors
- Table 74. SAES Getters Major Business
- Table 75. SAES Getters Smart Materials Product and Services
- Table 76. SAES Getters Smart Materials Sales Quantity (K sq.ft), Average Price (USD/sq.ft), Revenue (USD Million), Gross Margin and Market Share (2019-2024)
- Table 77. SAES Getters Recent Developments/Updates
- Table 78. G.RAU Basic Information, Manufacturing Base and Competitors
- Table 79. G.RAU Major Business
- Table 80. G.RAU Smart Materials Product and Services
- Table 81. G.RAU Smart Materials Sales Quantity (K sq.ft), Average Price (USD/sq.ft), Revenue (USD Million), Gross Margin and Market Share (2019-2024)
- Table 82. G.RAU Recent Developments/Updates
- Table 83. ATI Wah-chang Basic Information, Manufacturing Base and Competitors
- Table 84. ATI Wah-chang Major Business
- Table 85. ATI Wah-chang Smart Materials Product and Services
- Table 86. ATI Wah-chang Smart Materials Sales Quantity (K sq.ft), Average Price (USD/sq.ft), Revenue (USD Million), Gross Margin and Market Share (2019-2024)
- Table 87. ATI Wah-chang Recent Developments/Updates
- Table 88. Fort Wayne Metals Basic Information, Manufacturing Base and Competitors
- Table 89. Fort Wayne Metals Major Business
- Table 90. Fort Wayne Metals Smart Materials Product and Services
- Table 91. Fort Wayne Metals Smart Materials Sales Quantity (K sq.ft), Average Price

(USD/sq.ft), Revenue (USD Million), Gross Margin and Market Share (2019-2024)

Table 92. Fort Wayne Metals Recent Developments/Updates

Table 93. Global Smart Materials Sales Quantity by Manufacturer (2019-2024) & (K sq.ft)

Table 94. Global Smart Materials Revenue by Manufacturer (2019-2024) & (USD Million)

Table 95. Global Smart Materials Average Price by Manufacturer (2019-2024) & (USD/sq.ft)

Table 96. Market Position of Manufacturers in Smart Materials, (Tier 1, Tier 2, and Tier 3), Based on Consumption Value in 2023

Table 97. Head Office and Smart Materials Production Site of Key Manufacturer

Table 98. Smart Materials Market: Company Product Type Footprint

Table 99. Smart Materials Market: Company Product Application Footprint

Table 100. Smart Materials New Market Entrants and Barriers to Market Entry

Table 101. Smart Materials Mergers, Acquisition, Agreements, and Collaborations

Table 102. Global Smart Materials Sales Quantity by Region (2019-2024) & (K sq.ft)

Table 103. Global Smart Materials Sales Quantity by Region (2025-2030) & (K sq.ft)

Table 104. Global Smart Materials Consumption Value by Region (2019-2024) & (USD Million)

Table 105. Global Smart Materials Consumption Value by Region (2025-2030) & (USD Million)

Table 106. Global Smart Materials Average Price by Region (2019-2024) & (USD/sq.ft)

Table 107. Global Smart Materials Average Price by Region (2025-2030) & (USD/sq.ft)

Table 108. Global Smart Materials Sales Quantity by Type (2019-2024) & (K sq.ft)

Table 109. Global Smart Materials Sales Quantity by Type (2025-2030) & (K sq.ft)

Table 110. Global Smart Materials Consumption Value by Type (2019-2024) & (USD Million)

Table 111. Global Smart Materials Consumption Value by Type (2025-2030) & (USD Million)

Table 112. Global Smart Materials Average Price by Type (2019-2024) & (USD/sq.ft)

Table 113. Global Smart Materials Average Price by Type (2025-2030) & (USD/sq.ft)

Table 114. Global Smart Materials Sales Quantity by Application (2019-2024) & (K sq.ft)

Table 115. Global Smart Materials Sales Quantity by Application (2025-2030) & (K sq.ft)

Table 116. Global Smart Materials Consumption Value by Application (2019-2024) & (USD Million)

Table 117. Global Smart Materials Consumption Value by Application (2025-2030) & (USD Million)

Table 118. Global Smart Materials Average Price by Application (2019-2024) & (USD/sq.ft)

Table 119. Global Smart Materials Average Price by Application (2025-2030) & (USD/sq.ft)

Table 120. North America Smart Materials Sales Quantity by Type (2019-2024) & (K sq.ft)

Table 121. North America Smart Materials Sales Quantity by Type (2025-2030) & (K sq.ft)

Table 122. North America Smart Materials Sales Quantity by Application (2019-2024) & (K sq.ft)

Table 123. North America Smart Materials Sales Quantity by Application (2025-2030) & (K sq.ft)

Table 124. North America Smart Materials Sales Quantity by Country (2019-2024) & (K sq.ft)

Table 125. North America Smart Materials Sales Quantity by Country (2025-2030) & (K sq.ft)

Table 126. North America Smart Materials Consumption Value by Country (2019-2024) & (USD Million)

Table 127. North America Smart Materials Consumption Value by Country (2025-2030) & (USD Million)

Table 128. Europe Smart Materials Sales Quantity by Type (2019-2024) & (K sq.ft)

Table 129. Europe Smart Materials Sales Quantity by Type (2025-2030) & (K sq.ft)

Table 130. Europe Smart Materials Sales Quantity by Application (2019-2024) & (K sq.ft)

Table 131. Europe Smart Materials Sales Quantity by Application (2025-2030) & (K sq.ft)

Table 132. Europe Smart Materials Sales Quantity by Country (2019-2024) & (K sq.ft)

Table 133. Europe Smart Materials Sales Quantity by Country (2025-2030) & (K sq.ft)

Table 134. Europe Smart Materials Consumption Value by Country (2019-2024) & (USD Million)

Table 135. Europe Smart Materials Consumption Value by Country (2025-2030) & (USD Million)

Table 136. Asia-Pacific Smart Materials Sales Quantity by Type (2019-2024) & (K sq.ft)

Table 137. Asia-Pacific Smart Materials Sales Quantity by Type (2025-2030) & (K sq.ft)

Table 138. Asia-Pacific Smart Materials Sales Quantity by Application (2019-2024) & (K sq.ft)

Table 139. Asia-Pacific Smart Materials Sales Quantity by Application (2025-2030) & (K sq.ft)

Table 140. Asia-Pacific Smart Materials Sales Quantity by Region (2019-2024) & (K sq.ft)

Table 141. Asia-Pacific Smart Materials Sales Quantity by Region (2025-2030) & (K

sq.ft)

Table 142. Asia-Pacific Smart Materials Consumption Value by Region (2019-2024) & (USD Million)

Table 143. Asia-Pacific Smart Materials Consumption Value by Region (2025-2030) & (USD Million)

Table 144. South America Smart Materials Sales Quantity by Type (2019-2024) & (K sq.ft)

Table 145. South America Smart Materials Sales Quantity by Type (2025-2030) & (K sq.ft)

Table 146. South America Smart Materials Sales Quantity by Application (2019-2024) & (K sq.ft)

Table 147. South America Smart Materials Sales Quantity by Application (2025-2030) & (K sq.ft)

Table 148. South America Smart Materials Sales Quantity by Country (2019-2024) & (K sq.ft)

Table 149. South America Smart Materials Sales Quantity by Country (2025-2030) & (K sq.ft)

Table 150. South America Smart Materials Consumption Value by Country (2019-2024) & (USD Million)

Table 151. South America Smart Materials Consumption Value by Country (2025-2030) & (USD Million)

Table 152. Middle East & Africa Smart Materials Sales Quantity by Type (2019-2024) & (K sq.ft)

Table 153. Middle East & Africa Smart Materials Sales Quantity by Type (2025-2030) & (K sq.ft)

Table 154. Middle East & Africa Smart Materials Sales Quantity by Application (2019-2024) & (K sq.ft)

Table 155. Middle East & Africa Smart Materials Sales Quantity by Application (2025-2030) & (K sq.ft)

Table 156. Middle East & Africa Smart Materials Sales Quantity by Region (2019-2024) & (K sq.ft)

Table 157. Middle East & Africa Smart Materials Sales Quantity by Region (2025-2030) & (K sq.ft)

Table 158. Middle East & Africa Smart Materials Consumption Value by Region (2019-2024) & (USD Million)

Table 159. Middle East & Africa Smart Materials Consumption Value by Region (2025-2030) & (USD Million)

Table 160. Smart Materials Raw Material

Table 161. Key Manufacturers of Smart Materials Raw Materials

Table 162. Smart Materials Typical Distributors

Table 163. Smart Materials Typical Customers

List Of Figures

LIST OF FIGURES

Figure 1. Smart Materials Picture

Figure 2. Global Smart Materials Consumption Value by Type, (USD Million), 2019 & 2023 & 2030

Figure 3. Global Smart Materials Consumption Value Market Share by Type in 2023

Figure 4. Piezoelectric Materials Examples

Figure 5. Shape Memory Material Examples

Figure 6. Electrochromic Materials Examples

Figure 7. Shape Memory Polymer Examples

Figure 8. Thermochromic Materials Examples

Figure 9. Others Examples

Figure 10. Global Smart Materials Consumption Value by Application, (USD Million), 2019 & 2023 & 2030

Figure 11. Global Smart Materials Consumption Value Market Share by Application in 2023

Figure 12. Electronic Industry Examples

Figure 13. Automobile Examples

Figure 14. Food and Beverages Examples

Figure 15. Biomedical Industry Examples

Figure 16. Others Examples

Figure 17. Global Smart Materials Consumption Value, (USD Million): 2019 & 2023 & 2030

Figure 18. Global Smart Materials Consumption Value and Forecast (2019-2030) & (USD Million)

Figure 19. Global Smart Materials Sales Quantity (2019-2030) & (K sq.ft)

Figure 20. Global Smart Materials Average Price (2019-2030) & (USD/sq.ft)

Figure 21. Global Smart Materials Sales Quantity Market Share by Manufacturer in 2023

Figure 22. Global Smart Materials Consumption Value Market Share by Manufacturer in 2023

Figure 23. Producer Shipments of Smart Materials by Manufacturer Sales Quantity (\$MM) and Market Share (%): 2023

Figure 24. Top 3 Smart Materials Manufacturer (Consumption Value) Market Share in 2023

Figure 25. Top 6 Smart Materials Manufacturer (Consumption Value) Market Share in 2023

Figure 26. Global Smart Materials Sales Quantity Market Share by Region (2019-2030)

Figure 27. Global Smart Materials Consumption Value Market Share by Region (2019-2030)

Figure 28. North America Smart Materials Consumption Value (2019-2030) & (USD Million)

Figure 29. Europe Smart Materials Consumption Value (2019-2030) & (USD Million)

Figure 30. Asia-Pacific Smart Materials Consumption Value (2019-2030) & (USD Million)

Figure 31. South America Smart Materials Consumption Value (2019-2030) & (USD Million)

Figure 32. Middle East & Africa Smart Materials Consumption Value (2019-2030) & (USD Million)

Figure 33. Global Smart Materials Sales Quantity Market Share by Type (2019-2030)

Figure 34. Global Smart Materials Consumption Value Market Share by Type (2019-2030)

Figure 35. Global Smart Materials Average Price by Type (2019-2030) & (USD/sq.ft)

Figure 36. Global Smart Materials Sales Quantity Market Share by Application (2019-2030)

Figure 37. Global Smart Materials Consumption Value Market Share by Application (2019-2030)

Figure 38. Global Smart Materials Average Price by Application (2019-2030) & (USD/sq.ft)

Figure 39. North America Smart Materials Sales Quantity Market Share by Type (2019-2030)

Figure 40. North America Smart Materials Sales Quantity Market Share by Application (2019-2030)

Figure 41. North America Smart Materials Sales Quantity Market Share by Country (2019-2030)

Figure 42. North America Smart Materials Consumption Value Market Share by Country (2019-2030)

Figure 43. United States Smart Materials Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 44. Canada Smart Materials Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 45. Mexico Smart Materials Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 46. Europe Smart Materials Sales Quantity Market Share by Type (2019-2030)

Figure 47. Europe Smart Materials Sales Quantity Market Share by Application (2019-2030)

- Figure 48. Europe Smart Materials Sales Quantity Market Share by Country (2019-2030)
- Figure 49. Europe Smart Materials Consumption Value Market Share by Country (2019-2030)
- Figure 50. Germany Smart Materials Consumption Value and Growth Rate (2019-2030) & (USD Million)
- Figure 51. France Smart Materials Consumption Value and Growth Rate (2019-2030) & (USD Million)
- Figure 52. United Kingdom Smart Materials Consumption Value and Growth Rate (2019-2030) & (USD Million)
- Figure 53. Russia Smart Materials Consumption Value and Growth Rate (2019-2030) & (USD Million)
- Figure 54. Italy Smart Materials Consumption Value and Growth Rate (2019-2030) & (USD Million)
- Figure 55. Asia-Pacific Smart Materials Sales Quantity Market Share by Type (2019-2030)
- Figure 56. Asia-Pacific Smart Materials Sales Quantity Market Share by Application (2019-2030)
- Figure 57. Asia-Pacific Smart Materials Sales Quantity Market Share by Region (2019-2030)
- Figure 58. Asia-Pacific Smart Materials Consumption Value Market Share by Region (2019-2030)
- Figure 59. China Smart Materials Consumption Value and Growth Rate (2019-2030) & (USD Million)
- Figure 60. Japan Smart Materials Consumption Value and Growth Rate (2019-2030) & (USD Million)
- Figure 61. Korea Smart Materials Consumption Value and Growth Rate (2019-2030) & (USD Million)
- Figure 62. India Smart Materials Consumption Value and Growth Rate (2019-2030) & (USD Million)
- Figure 63. Southeast Asia Smart Materials Consumption Value and Growth Rate (2019-2030) & (USD Million)
- Figure 64. Australia Smart Materials Consumption Value and Growth Rate (2019-2030) & (USD Million)
- Figure 65. South America Smart Materials Sales Quantity Market Share by Type (2019-2030)
- Figure 66. South America Smart Materials Sales Quantity Market Share by Application (2019-2030)
- Figure 67. South America Smart Materials Sales Quantity Market Share by Country

(2019-2030)

Figure 68. South America Smart Materials Consumption Value Market Share by Country (2019-2030)

Figure 69. Brazil Smart Materials Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 70. Argentina Smart Materials Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 71. Middle East & Africa Smart Materials Sales Quantity Market Share by Type (2019-2030)

Figure 72. Middle East & Africa Smart Materials Sales Quantity Market Share by Application (2019-2030)

Figure 73. Middle East & Africa Smart Materials Sales Quantity Market Share by Region (2019-2030)

Figure 74. Middle East & Africa Smart Materials Consumption Value Market Share by Region (2019-2030)

Figure 75. Turkey Smart Materials Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 76. Egypt Smart Materials Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 77. Saudi Arabia Smart Materials Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 78. South Africa Smart Materials Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 79. Smart Materials Market Drivers

Figure 80. Smart Materials Market Restraints

Figure 81. Smart Materials Market Trends

Figure 82. Porters Five Forces Analysis

Figure 83. Manufacturing Cost Structure Analysis of Smart Materials in 2023

Figure 84. Manufacturing Process Analysis of Smart Materials

Figure 85. Smart Materials Industrial Chain

Figure 86. Sales Quantity Channel: Direct to End-User vs Distributors

Figure 87. Direct Channel Pros & Cons

Figure 88. Indirect Channel Pros & Cons

Figure 89. Methodology

Figure 90. Research Process and Data Source

I would like to order

Product name: Global Smart Materials Market 2024 by Manufacturers, Regions, Type and Application, Forecast to 2030

Product link: <https://marketpublishers.com/r/G03A286B970EN.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/G03A286B970EN.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

