

# Global Advanced Functional Market 2022 by Manufacturers, Regions, Type and Application, Forecast to 2028

<https://marketpublishers.com/r/GBE098EE5D9EN.html>

Date: July 2022

Pages: 110

Price: US\$ 3,132.00 (Single User License)

ID: GBE098EE5D9EN

## Abstracts

The Advanced Functional market report provides a detailed analysis of global market size, regional and country-level market size, segmentation market growth, market share, competitive Landscape, sales analysis, impact of domestic and global market players, value chain optimization, trade regulations, recent developments, opportunities analysis, strategic market growth analysis, product launches, area marketplace expanding, and technological innovations.

According to our (Global Info Research) latest study, due to COVID-19 pandemic, the global Advanced Functional market size is estimated to be worth US\$ million in 2021 and is forecast to a readjusted size of USD million by 2028 with a CAGR of % during review period. Electrical & Electronics accounting for % of the Advanced Functional global market in 2021, is projected to value USD million by 2028, growing at a % CAGR in next six years. While Advanced Functional Ceramics segment is altered to a % CAGR between 2022 and 2028.

Global key manufacturers of Advanced Functional include 3A Composites, 3M, Applied Materials, Bayer, and Ceradyne, etc. In terms of revenue, the global top four players hold a share over % in 2021.

## Market segmentation

Advanced Functional market is split by Type and by Application. For the period 2017-2028, the growth among segments provide accurate calculations and forecasts for sales 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, covers

Advanced Functional Ceramics

Advanced Energy Materials

Nanomaterials

Conductive Polymers

Market segment by Application can be divided into

Electrical & Electronics

Chemicals & Materials

Automotive & Transportation

Medical, Healthcare & Pharmaceutical

Energy & Power

Others

The key market players for global Advanced Functional market are listed below:

3A Composites

3M

Applied Materials

Bayer

Ceradyne

CNANO Technology

CPS Technologies

Crosslink

Deutsche Edelstahlwerke

LDK Solar Hi-Tech

Materion

Momentive Performance Materials

Renesola

Showa Denko

Sunedison

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 Advanced Functional product scope, market overview, market opportunities, market driving force and market risks.

Chapter 2, to profile the top manufacturers of Advanced Functional, with price, sales, revenue and global market share of Advanced Functional from 2019 to 2022.

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

Chapter 4, the Advanced Functional breakdown data are shown at the regional level, to show the sales, revenue and growth by regions, from 2017 to 2028.

Chapter 5 and 6, to segment the sales by Type and application, with sales market share and growth rate by type, application, from 2017 to 2028.

Chapter 7, 8, 9, 10 and 11, to break the sales data at the country level, with sales, revenue and market share for key countries in the world, from 2017 to 2022.and Advanced Functional market forecast, by regions, type and application, with sales and revenue, from 2023 to 2028.

Chapter 12, the key raw materials and key suppliers, and industry chain of Advanced Functional.

Chapter 13, 14, and 15, to describe Advanced Functional sales channel, distributors, customers, research findings and conclusion, appendix and data source.

## Contents

### 1 MARKET OVERVIEW

#### 1.1 Advanced Functional Introduction

#### 1.2 Market Analysis by Type

##### 1.2.1 Overview: Global Advanced Functional Revenue by Type: 2017 Versus 2021 Versus 2028

##### 1.2.2 Advanced Functional Ceramics

##### 1.2.3 Advanced Energy Materials

##### 1.2.4 Nanomaterials

##### 1.2.5 Conductive Polymers

#### 1.3 Market Analysis by Application

##### 1.3.1 Overview: Global Advanced Functional Revenue by Application: 2017 Versus 2021 Versus 2028

##### 1.3.2 Electrical & Electronics

##### 1.3.3 Chemicals & Materials

##### 1.3.4 Automotive & Transportation

##### 1.3.5 Medical, Healthcare & Pharmaceutical

##### 1.3.6 Energy & Power

##### 1.3.7 Others

#### 1.4 Global Advanced Functional Market Size & Forecast

##### 1.4.1 Global Advanced Functional Sales in Value (2017 & 2021 & 2028)

##### 1.4.2 Global Advanced Functional Sales in Volume (2017-2028)

##### 1.4.3 Global Advanced Functional Price (2017-2028)

#### 1.5 Global Advanced Functional Production Capacity Analysis

##### 1.5.1 Global Advanced Functional Total Production Capacity (2017-2028)

##### 1.5.2 Global Advanced Functional Production Capacity by Geographic Region

#### 1.6 Market Drivers, Restraints and Trends

##### 1.6.1 Advanced Functional Market Drivers

##### 1.6.2 Advanced Functional Market Restraints

##### 1.6.3 Advanced Functional Trends Analysis

### 2 MANUFACTURERS PROFILES

#### 2.1 3A Composites

##### 2.1.1 3A Composites Details

##### 2.1.2 3A Composites Major Business

##### 2.1.3 3A Composites Advanced Functional Product and Services

2.1.4 3A Composites Advanced Functional Sales, Price, Revenue, Gross Margin and Market Share (2019, 2020, 2021, and 2022)

## 2.2 3M

2.2.1 3M Details

2.2.2 3M Major Business

2.2.3 3M Advanced Functional Product and Services

2.2.4 3M Advanced Functional Sales, Price, Revenue, Gross Margin and Market Share (2019, 2020, 2021, and 2022)

## 2.3 Applied Materials

2.3.1 Applied Materials Details

2.3.2 Applied Materials Major Business

2.3.3 Applied Materials Advanced Functional Product and Services

2.3.4 Applied Materials Advanced Functional Sales, Price, Revenue, Gross Margin and Market Share (2019, 2020, 2021, and 2022)

## 2.4 Bayer

2.4.1 Bayer Details

2.4.2 Bayer Major Business

2.4.3 Bayer Advanced Functional Product and Services

2.4.4 Bayer Advanced Functional Sales, Price, Revenue, Gross Margin and Market Share (2019, 2020, 2021, and 2022)

## 2.5 Ceradyne

2.5.1 Ceradyne Details

2.5.2 Ceradyne Major Business

2.5.3 Ceradyne Advanced Functional Product and Services

2.5.4 Ceradyne Advanced Functional Sales, Price, Revenue, Gross Margin and Market Share (2019, 2020, 2021, and 2022)

## 2.6 CNANO Technology

2.6.1 CNANO Technology Details

2.6.2 CNANO Technology Major Business

2.6.3 CNANO Technology Advanced Functional Product and Services

2.6.4 CNANO Technology Advanced Functional Sales, Price, Revenue, Gross Margin and Market Share (2019, 2020, 2021, and 2022)

## 2.7 CPS Technologies

2.7.1 CPS Technologies Details

2.7.2 CPS Technologies Major Business

2.7.3 CPS Technologies Advanced Functional Product and Services

2.7.4 CPS Technologies Advanced Functional Sales, Price, Revenue, Gross Margin and Market Share (2019, 2020, 2021, and 2022)

## 2.8 Crosslink

- 2.8.1 Crosslink Details
- 2.8.2 Crosslink Major Business
- 2.8.3 Crosslink Advanced Functional Product and Services
- 2.8.4 Crosslink Advanced Functional Sales, Price, Revenue, Gross Margin and Market Share (2019, 2020, 2021, and 2022)
- 2.9 Deutsche Edelstahlwerke
  - 2.9.1 Deutsche Edelstahlwerke Details
  - 2.9.2 Deutsche Edelstahlwerke Major Business
  - 2.9.3 Deutsche Edelstahlwerke Advanced Functional Product and Services
  - 2.9.4 Deutsche Edelstahlwerke Advanced Functional Sales, Price, Revenue, Gross Margin and Market Share (2019, 2020, 2021, and 2022)
- 2.10 LDK Solar Hi-Tech
  - 2.10.1 LDK Solar Hi-Tech Details
  - 2.10.2 LDK Solar Hi-Tech Major Business
  - 2.10.3 LDK Solar Hi-Tech Advanced Functional Product and Services
  - 2.10.4 LDK Solar Hi-Tech Advanced Functional Sales, Price, Revenue, Gross Margin and Market Share (2019, 2020, 2021, and 2022)
- 2.11 Materion
  - 2.11.1 Materion Details
  - 2.11.2 Materion Major Business
  - 2.11.3 Materion Advanced Functional Product and Services
  - 2.11.4 Materion Advanced Functional Sales, Price, Revenue, Gross Margin and Market Share (2019, 2020, 2021, and 2022)
- 2.12 Momentive Performance Materials
  - 2.12.1 Momentive Performance Materials Details
  - 2.12.2 Momentive Performance Materials Major Business
  - 2.12.3 Momentive Performance Materials Advanced Functional Product and Services
  - 2.12.4 Momentive Performance Materials Advanced Functional Sales, Price, Revenue, Gross Margin and Market Share (2019, 2020, 2021, and 2022)
- 2.13 Renesola
  - 2.13.1 Renesola Details
  - 2.13.2 Renesola Major Business
  - 2.13.3 Renesola Advanced Functional Product and Services
  - 2.13.4 Renesola Advanced Functional Sales, Price, Revenue, Gross Margin and Market Share (2019, 2020, 2021, and 2022)
- 2.14 Showa Denko
  - 2.14.1 Showa Denko Details
  - 2.14.2 Showa Denko Major Business
  - 2.14.3 Showa Denko Advanced Functional Product and Services

2.14.4 Showa Denko Advanced Functional Sales, Price, Revenue, Gross Margin and Market Share (2019, 2020, 2021, and 2022)

2.15 Sunedison

2.15.1 Sunedison Details

2.15.2 Sunedison Major Business

2.15.3 Sunedison Advanced Functional Product and Services

2.15.4 Sunedison Advanced Functional Sales, Price, Revenue, Gross Margin and Market Share (2019, 2020, 2021, and 2022)

### **3 ADVANCED FUNCTIONAL BREAKDOWN DATA BY MANUFACTURER**

3.1 Global Advanced Functional Sales in Volume by Manufacturer (2019, 2020, 2021, and 2022)

3.2 Global Advanced Functional Revenue by Manufacturer (2019, 2020, 2021, and 2022)

3.3 Key Manufacturer Market Position in Advanced Functional

3.4 Market Concentration Rate

3.4.1 Top 3 Advanced Functional Manufacturer Market Share in 2021

3.4.2 Top 6 Advanced Functional Manufacturer Market Share in 2021

3.5 Global Advanced Functional Production Capacity by Company: 2021 VS 2022

3.6 Manufacturer by Geography: Head Office and Advanced Functional Production Site

3.7 New Entrant and Capacity Expansion Plans

3.8 Mergers & Acquisitions

### **4 MARKET ANALYSIS BY REGION**

4.1 Global Advanced Functional Market Size by Region

4.1.1 Global Advanced Functional Sales in Volume by Region (2017-2028)

4.1.2 Global Advanced Functional Revenue by Region (2017-2028)

4.2 North America Advanced Functional Revenue (2017-2028)

4.3 Europe Advanced Functional Revenue (2017-2028)

4.4 Asia-Pacific Advanced Functional Revenue (2017-2028)

4.5 South America Advanced Functional Revenue (2017-2028)

4.6 Middle East and Africa Advanced Functional Revenue (2017-2028)

### **5 MARKET SEGMENT BY TYPE**

5.1 Global Advanced Functional Sales in Volume by Type (2017-2028)

5.2 Global Advanced Functional Revenue by Type (2017-2028)

### 5.3 Global Advanced Functional Price by Type (2017-2028)

## **6 MARKET SEGMENT BY APPLICATION**

### 6.1 Global Advanced Functional Sales in Volume by Application (2017-2028)

### 6.2 Global Advanced Functional Revenue by Application (2017-2028)

### 6.3 Global Advanced Functional Price by Application (2017-2028)

## **7 NORTH AMERICA BY COUNTRY, BY TYPE, AND BY APPLICATION**

### 7.1 North America Advanced Functional Sales by Type (2017-2028)

### 7.2 North America Advanced Functional Sales by Application (2017-2028)

### 7.3 North America Advanced Functional Market Size by Country

#### 7.3.1 North America Advanced Functional Sales in Volume by Country (2017-2028)

#### 7.3.2 North America Advanced Functional Revenue by Country (2017-2028)

#### 7.3.3 United States Market Size and Forecast (2017-2028)

#### 7.3.4 Canada Market Size and Forecast (2017-2028)

#### 7.3.5 Mexico Market Size and Forecast (2017-2028)

## **8 EUROPE BY COUNTRY, BY TYPE, AND BY APPLICATION**

### 8.1 Europe Advanced Functional Sales by Type (2017-2028)

### 8.2 Europe Advanced Functional Sales by Application (2017-2028)

### 8.3 Europe Advanced Functional Market Size by Country

#### 8.3.1 Europe Advanced Functional Sales in Volume by Country (2017-2028)

#### 8.3.2 Europe Advanced Functional Revenue by Country (2017-2028)

#### 8.3.3 Germany Market Size and Forecast (2017-2028)

#### 8.3.4 France Market Size and Forecast (2017-2028)

#### 8.3.5 United Kingdom Market Size and Forecast (2017-2028)

#### 8.3.6 Russia Market Size and Forecast (2017-2028)

#### 8.3.7 Italy Market Size and Forecast (2017-2028)

## **9 ASIA-PACIFIC BY REGION, BY TYPE, AND BY APPLICATION**

### 9.1 Asia-Pacific Advanced Functional Sales by Type (2017-2028)

### 9.2 Asia-Pacific Advanced Functional Sales by Application (2017-2028)

### 9.3 Asia-Pacific Advanced Functional Market Size by Region

#### 9.3.1 Asia-Pacific Advanced Functional Sales in Volume by Region (2017-2028)

#### 9.3.2 Asia-Pacific Advanced Functional Revenue by Region (2017-2028)

- 9.3.3 China Market Size and Forecast (2017-2028)
- 9.3.4 Japan Market Size and Forecast (2017-2028)
- 9.3.5 Korea Market Size and Forecast (2017-2028)
- 9.3.6 India Market Size and Forecast (2017-2028)
- 9.3.7 Southeast Asia Market Size and Forecast (2017-2028)
- 9.3.8 Australia Market Size and Forecast (2017-2028)

## **10 SOUTH AMERICA BY REGION, BY TYPE, AND BY APPLICATION**

- 10.1 South America Advanced Functional Sales by Type (2017-2028)
- 10.2 South America Advanced Functional Sales by Application (2017-2028)
- 10.3 South America Advanced Functional Market Size by Country
  - 10.3.1 South America Advanced Functional Sales in Volume by Country (2017-2028)
  - 10.3.2 South America Advanced Functional Revenue by Country (2017-2028)
  - 10.3.3 Brazil Market Size and Forecast (2017-2028)
  - 10.3.4 Argentina Market Size and Forecast (2017-2028)

## **11 MIDDLE EAST & AFRICA BY COUNTRY, BY TYPE, AND BY APPLICATION**

- 11.1 Middle East & Africa Advanced Functional Sales by Type (2017-2028)
- 11.2 Middle East & Africa Advanced Functional Sales by Application (2017-2028)
- 11.3 Middle East & Africa Advanced Functional Market Size by Country
  - 11.3.1 Middle East & Africa Advanced Functional Sales in Volume by Country (2017-2028)
  - 11.3.2 Middle East & Africa Advanced Functional Revenue by Country (2017-2028)
  - 11.3.3 Turkey Market Size and Forecast (2017-2028)
  - 11.3.4 Egypt Market Size and Forecast (2017-2028)
  - 11.3.5 Saudi Arabia Market Size and Forecast (2017-2028)
  - 11.3.6 South Africa Market Size and Forecast (2017-2028)

## **12 RAW MATERIAL AND INDUSTRY CHAIN**

- 12.1 Raw Material of Advanced Functional and Key Manufacturers
- 12.2 Manufacturing Costs Percentage of Advanced Functional
- 12.3 Advanced Functional Production Process
- 12.4 Advanced Functional Industrial Chain

## **13 SALES CHANNEL, DISTRIBUTORS, TRADERS AND DEALERS**

### 13.1 Sales Channel

#### 13.1.1 Direct Marketing

#### 13.1.2 Indirect Marketing

### 13.2 Advanced Functional Typical Distributors

### 13.3 Advanced Functional Typical Customers

## **14 RESEARCH FINDINGS AND CONCLUSION**

## **15 APPENDIX**

### 15.1 Methodology

### 15.2 Research Process and Data Source

### 15.3 Disclaimer

## List Of Tables

### LIST OF TABLES

Table 1. Global Advanced Functional Revenue by Type, (USD Million), 2017 & 2021 & 2028

Table 2. Global Advanced Functional Revenue by Application, (USD Million), 2017 & 2021 & 2028

Table 3. 3A Composites Basic Information, Manufacturing Base and Competitors

Table 4. 3A Composites Major Business

Table 5. 3A Composites Advanced Functional Product and Services

Table 6. 3A Composites Advanced Functional Sales (K sqm), Price (USD/sqm), Revenue (USD Million), Gross Margin and Market Share (2019, 2020, 2021, and 2022)

Table 7. 3M Basic Information, Manufacturing Base and Competitors

Table 8. 3M Major Business

Table 9. 3M Advanced Functional Product and Services

Table 10. 3M Advanced Functional Sales (K sqm), Price (USD/sqm), Revenue (USD Million), Gross Margin and Market Share (2019, 2020, 2021, and 2022)

Table 11. Applied Materials Basic Information, Manufacturing Base and Competitors

Table 12. Applied Materials Major Business

Table 13. Applied Materials Advanced Functional Product and Services

Table 14. Applied Materials Advanced Functional Sales (K sqm), Price (USD/sqm), Revenue (USD Million), Gross Margin and Market Share (2019, 2020, 2021, and 2022)

Table 15. Bayer Basic Information, Manufacturing Base and Competitors

Table 16. Bayer Major Business

Table 17. Bayer Advanced Functional Product and Services

Table 18. Bayer Advanced Functional Sales (K sqm), Price (USD/sqm), Revenue (USD Million), Gross Margin and Market Share (2019, 2020, 2021, and 2022)

Table 19. Ceradyne Basic Information, Manufacturing Base and Competitors

Table 20. Ceradyne Major Business

Table 21. Ceradyne Advanced Functional Product and Services

Table 22. Ceradyne Advanced Functional Sales (K sqm), Price (USD/sqm), Revenue (USD Million), Gross Margin and Market Share (2019, 2020, 2021, and 2022)

Table 23. CNANO Technology Basic Information, Manufacturing Base and Competitors

Table 24. CNANO Technology Major Business

Table 25. CNANO Technology Advanced Functional Product and Services

Table 26. CNANO Technology Advanced Functional Sales (K sqm), Price (USD/sqm), Revenue (USD Million), Gross Margin and Market Share (2019, 2020, 2021, and 2022)

Table 27. CPS Technologies Basic Information, Manufacturing Base and Competitors

Table 28. CPS Technologies Major Business

Table 29. CPS Technologies Advanced Functional Product and Services

Table 30. CPS Technologies Advanced Functional Sales (K sqm), Price (USD/sqm), Revenue (USD Million), Gross Margin and Market Share (2019, 2020, 2021, and 2022)

Table 31. Crosslink Basic Information, Manufacturing Base and Competitors

Table 32. Crosslink Major Business

Table 33. Crosslink Advanced Functional Product and Services

Table 34. Crosslink Advanced Functional Sales (K sqm), Price (USD/sqm), Revenue (USD Million), Gross Margin and Market Share (2019, 2020, 2021, and 2022)

Table 35. Deutsche Edelstahlwerke Basic Information, Manufacturing Base and Competitors

Table 36. Deutsche Edelstahlwerke Major Business

Table 37. Deutsche Edelstahlwerke Advanced Functional Product and Services

Table 38. Deutsche Edelstahlwerke Advanced Functional Sales (K sqm), Price (USD/sqm), Revenue (USD Million), Gross Margin and Market Share (2019, 2020, 2021, and 2022)

Table 39. LDK Solar Hi-Tech Basic Information, Manufacturing Base and Competitors

Table 40. LDK Solar Hi-Tech Major Business

Table 41. LDK Solar Hi-Tech Advanced Functional Product and Services

Table 42. LDK Solar Hi-Tech Advanced Functional Sales (K sqm), Price (USD/sqm), Revenue (USD Million), Gross Margin and Market Share (2019, 2020, 2021, and 2022)

Table 43. Materion Basic Information, Manufacturing Base and Competitors

Table 44. Materion Major Business

Table 45. Materion Advanced Functional Product and Services

Table 46. Materion Advanced Functional Sales (K sqm), Price (USD/sqm), Revenue (USD Million), Gross Margin and Market Share (2019, 2020, 2021, and 2022)

Table 47. Momentive Performance Materials Basic Information, Manufacturing Base and Competitors

Table 48. Momentive Performance Materials Major Business

Table 49. Momentive Performance Materials Advanced Functional Product and Services

Table 50. Momentive Performance Materials Advanced Functional Sales (K sqm), Price (USD/sqm), Revenue (USD Million), Gross Margin and Market Share (2019, 2020, 2021, and 2022)

Table 51. Renesola Basic Information, Manufacturing Base and Competitors

Table 52. Renesola Major Business

Table 53. Renesola Advanced Functional Product and Services

Table 54. Renesola Advanced Functional Sales (K sqm), Price (USD/sqm), Revenue (USD Million), Gross Margin and Market Share (2019, 2020, 2021, and 2022)

Table 55. Showa Denko Basic Information, Manufacturing Base and Competitors

Table 56. Showa Denko Major Business

Table 57. Showa Denko Advanced Functional Product and Services

Table 58. Showa Denko Advanced Functional Sales (K sqm), Price (USD/sqm), Revenue (USD Million), Gross Margin and Market Share (2019, 2020, 2021, and 2022)

Table 59. Sunedison Basic Information, Manufacturing Base and Competitors

Table 60. Sunedison Major Business

Table 61. Sunedison Advanced Functional Product and Services

Table 62. Sunedison Advanced Functional Sales (K sqm), Price (USD/sqm), Revenue (USD Million), Gross Margin and Market Share (2019, 2020, 2021, and 2022)

Table 63. Global Advanced Functional Sales by Manufacturer (2019, 2020, 2021, and 2022) & (K sqm)

Table 64. Global Advanced Functional Revenue by Manufacturer (2019, 2020, 2021, and 2022) & (USD Million)

Table 65. Market Position of Manufacturers in Advanced Functional, (Tier 1, Tier 2, and Tier 3), Based on Revenue in 2021

Table 66. Global Advanced Functional Production Capacity by Company, (K sqm): 2020 VS 2021

Table 67. Head Office and Advanced Functional Production Site of Key Manufacturer

Table 68. Advanced Functional New Entrant and Capacity Expansion Plans

Table 69. Advanced Functional Mergers & Acquisitions in the Past Five Years

Table 70. Global Advanced Functional Sales by Region (2017-2022) & (K sqm)

Table 71. Global Advanced Functional Sales by Region (2023-2028) & (K sqm)

Table 72. Global Advanced Functional Revenue by Region (2017-2022) & (USD Million)

Table 73. Global Advanced Functional Revenue by Region (2023-2028) & (USD Million)

Table 74. Global Advanced Functional Sales by Type (2017-2022) & (K sqm)

Table 75. Global Advanced Functional Sales by Type (2023-2028) & (K sqm)

Table 76. Global Advanced Functional Revenue by Type (2017-2022) & (USD Million)

Table 77. Global Advanced Functional Revenue by Type (2023-2028) & (USD Million)

Table 78. Global Advanced Functional Price by Type (2017-2022) & (USD/sqm)

Table 79. Global Advanced Functional Price by Type (2023-2028) & (USD/sqm)

Table 80. Global Advanced Functional Sales by Application (2017-2022) & (K sqm)

Table 81. Global Advanced Functional Sales by Application (2023-2028) & (K sqm)

Table 82. Global Advanced Functional Revenue by Application (2017-2022) & (USD Million)

Table 83. Global Advanced Functional Revenue by Application (2023-2028) & (USD Million)

Table 84. Global Advanced Functional Price by Application (2017-2022) & (USD/sqm)

Table 85. Global Advanced Functional Price by Application (2023-2028) & (USD/sqm)

Table 86. North America Advanced Functional Sales by Country (2017-2022) & (K sqm)

Table 87. North America Advanced Functional Sales by Country (2023-2028) & (K sqm)

Table 88. North America Advanced Functional Revenue by Country (2017-2022) & (USD Million)

Table 89. North America Advanced Functional Revenue by Country (2023-2028) & (USD Million)

Table 90. North America Advanced Functional Sales by Type (2017-2022) & (K sqm)

Table 91. North America Advanced Functional Sales by Type (2023-2028) & (K sqm)

Table 92. North America Advanced Functional Sales by Application (2017-2022) & (K sqm)

Table 93. North America Advanced Functional Sales by Application (2023-2028) & (K sqm)

Table 94. Europe Advanced Functional Sales by Country (2017-2022) & (K sqm)

Table 95. Europe Advanced Functional Sales by Country (2023-2028) & (K sqm)

Table 96. Europe Advanced Functional Revenue by Country (2017-2022) & (USD Million)

Table 97. Europe Advanced Functional Revenue by Country (2023-2028) & (USD Million)

Table 98. Europe Advanced Functional Sales by Type (2017-2022) & (K sqm)

Table 99. Europe Advanced Functional Sales by Type (2023-2028) & (K sqm)

Table 100. Europe Advanced Functional Sales by Application (2017-2022) & (K sqm)

Table 101. Europe Advanced Functional Sales by Application (2023-2028) & (K sqm)

Table 102. Asia-Pacific Advanced Functional Sales by Region (2017-2022) & (K sqm)

Table 103. Asia-Pacific Advanced Functional Sales by Region (2023-2028) & (K sqm)

Table 104. Asia-Pacific Advanced Functional Revenue by Region (2017-2022) & (USD Million)

Table 105. Asia-Pacific Advanced Functional Revenue by Region (2023-2028) & (USD Million)

Table 106. Asia-Pacific Advanced Functional Sales by Type (2017-2022) & (K sqm)

Table 107. Asia-Pacific Advanced Functional Sales by Type (2023-2028) & (K sqm)

Table 108. Asia-Pacific Advanced Functional Sales by Application (2017-2022) & (K sqm)

Table 109. Asia-Pacific Advanced Functional Sales by Application (2023-2028) & (K sqm)

Table 110. South America Advanced Functional Sales by Country (2017-2022) & (K sqm)

Table 111. South America Advanced Functional Sales by Country (2023-2028) & (K sqm)

Table 112. South America Advanced Functional Revenue by Country (2017-2022) &

(USD Million)

Table 113. South America Advanced Functional Revenue by Country (2023-2028) & (USD Million)

Table 114. South America Advanced Functional Sales by Type (2017-2022) & (K sqm)

Table 115. South America Advanced Functional Sales by Type (2023-2028) & (K sqm)

Table 116. South America Advanced Functional Sales by Application (2017-2022) & (K sqm)

Table 117. South America Advanced Functional Sales by Application (2023-2028) & (K sqm)

Table 118. Middle East & Africa Advanced Functional Sales by Region (2017-2022) & (K sqm)

Table 119. Middle East & Africa Advanced Functional Sales by Region (2023-2028) & (K sqm)

Table 120. Middle East & Africa Advanced Functional Revenue by Region (2017-2022) & (USD Million)

Table 121. Middle East & Africa Advanced Functional Revenue by Region (2023-2028) & (USD Million)

Table 122. Middle East & Africa Advanced Functional Sales by Type (2017-2022) & (K sqm)

Table 123. Middle East & Africa Advanced Functional Sales by Type (2023-2028) & (K sqm)

Table 124. Middle East & Africa Advanced Functional Sales by Application (2017-2022) & (K sqm)

Table 125. Middle East & Africa Advanced Functional Sales by Application (2023-2028) & (K sqm)

Table 126. Advanced Functional Raw Material

Table 127. Key Manufacturers of Advanced Functional Raw Materials

Table 128. Direct Channel Pros & Cons

Table 129. Indirect Channel Pros & Cons

Table 130. Advanced Functional Typical Distributors

Table 131. Advanced Functional Typical Customers

## List Of Figures

### LIST OF FIGURES

- Figure 1. Advanced Functional Picture
- Figure 2. Global Advanced Functional Revenue Market Share by Type in 2021
- Figure 3. Advanced Functional Ceramics
- Figure 4. Advanced Energy Materials
- Figure 5. Nanomaterials
- Figure 6. Conductive Polymers
- Figure 7. Global Advanced Functional Revenue Market Share by Application in 2021
- Figure 8. Electrical & Electronics
- Figure 9. Chemicals & Materials
- Figure 10. Automotive & Transportation
- Figure 11. Medical, Healthcare & Pharmaceutical
- Figure 12. Energy & Power
- Figure 13. Others
- Figure 14. Global Advanced Functional Revenue, (USD Million) & (K sqm): 2017 & 2021 & 2028
- Figure 15. Global Advanced Functional Revenue and Forecast (2017-2028) & (USD Million)
- Figure 16. Global Advanced Functional Sales (2017-2028) & (K sqm)
- Figure 17. Global Advanced Functional Price (2017-2028) & (USD/sqm)
- Figure 18. Global Advanced Functional Production Capacity (2017-2028) & (K sqm)
- Figure 19. Global Advanced Functional Production Capacity by Geographic Region: 2022 VS 2028
- Figure 20. Advanced Functional Market Drivers
- Figure 21. Advanced Functional Market Restraints
- Figure 22. Advanced Functional Market Trends
- Figure 23. Global Advanced Functional Sales Market Share by Manufacturer in 2021
- Figure 24. Global Advanced Functional Revenue Market Share by Manufacturer in 2021
- Figure 25. Advanced Functional Market Share by Company Type (Tier 1, Tier 2, and Tier 3) in 2021
- Figure 26. Top 3 Advanced Functional Manufacturer (Revenue) Market Share in 2021
- Figure 27. Top 6 Advanced Functional Manufacturer (Revenue) Market Share in 2021
- Figure 28. Global Advanced Functional Sales Market Share by Region (2017-2028)
- Figure 29. Global Advanced Functional Revenue Market Share by Region (2017-2028)
- Figure 30. North America Advanced Functional Revenue (2017-2028) & (USD Million)
- Figure 31. Europe Advanced Functional Revenue (2017-2028) & (USD Million)

Figure 32. Asia-Pacific Advanced Functional Revenue (2017-2028) & (USD Million)

Figure 33. South America Advanced Functional Revenue (2017-2028) & (USD Million)

Figure 34. Middle East & Africa Advanced Functional Revenue (2017-2028) & (USD Million)

Figure 35. Global Advanced Functional Sales Market Share by Type (2017-2028)

Figure 36. Global Advanced Functional Revenue Market Share by Type (2017-2028)

Figure 37. Global Advanced Functional Price by Type (2017-2028) & (USD/sqm)

Figure 38. Global Advanced Functional Sales Market Share by Application (2017-2028)

Figure 39. Global Advanced Functional Revenue Market Share by Application (2017-2028)

Figure 40. Global Advanced Functional Price by Application (2017-2028) & (USD/sqm)

Figure 41. North America Advanced Functional Sales Market Share by Type (2017-2028)

Figure 42. North America Advanced Functional Sales Market Share by Application (2017-2028)

Figure 43. North America Advanced Functional Sales Market Share by Country (2017-2028)

Figure 44. North America Advanced Functional Revenue Market Share by Country (2017-2028)

Figure 45. United States Advanced Functional Revenue and Growth Rate (2017-2028) & (USD Million)

Figure 46. Canada Advanced Functional Revenue and Growth Rate (2017-2028) & (USD Million)

Figure 47. Mexico Advanced Functional Revenue and Growth Rate (2017-2028) & (USD Million)

Figure 48. Europe Advanced Functional Sales Market Share by Type (2017-2028)

Figure 49. Europe Advanced Functional Sales Market Share by Application (2017-2028)

Figure 50. Europe Advanced Functional Sales Market Share by Country (2017-2028)

Figure 51. Europe Advanced Functional Revenue Market Share by Country (2017-2028)

Figure 52. Germany Advanced Functional Revenue and Growth Rate (2017-2028) & (USD Million)

Figure 53. France Advanced Functional Revenue and Growth Rate (2017-2028) & (USD Million)

Figure 54. United Kingdom Advanced Functional Revenue and Growth Rate (2017-2028) & (USD Million)

Figure 55. Russia Advanced Functional Revenue and Growth Rate (2017-2028) & (USD Million)

Figure 56. Italy Advanced Functional Revenue and Growth Rate (2017-2028) & (USD Million)

Million)

Figure 57. Asia-Pacific Advanced Functional Sales Market Share by Region  
(2017-2028)

Figure 58. Asia-Pacific Advanced Functional Sales Market Share by Application  
(2017-2028)

Figure 59. Asia-Pacific Advanced Functional Sales Market Share by Region  
(2017-2028)

Figure 60. Asia-Pacific Advanced Functional Revenue Market Share by Region  
(2017-2028)

Figure 61. China Advanced Functional Revenue and Growth Rate (2017-2028) & (USD  
Million)

Figure 62. Japan Advanced Functional Revenue and Growth Rate (2017-2028) & (USD  
Million)

Figure 63. Korea Advanced Functional Revenue and Growth Rate (2017-2028) & (USD  
Million)

Figure 64. India Advanced Functional Revenue and Growth Rate (2017-2028) & (USD  
Million)

Figure 65. Southeast Asia Advanced Functional Revenue and Growth Rate (2017-2028)  
& (USD Million)

Figure 66. Australia Advanced Functional Revenue and Growth Rate (2017-2028) &  
(USD Million)

Figure 67. South America Advanced Functional Sales Market Share by Type  
(2017-2028)

Figure 68. South America Advanced Functional Sales Market Share by Application  
(2017-2028)

Figure 69. South America Advanced Functional Sales Market Share by Country  
(2017-2028)

Figure 70. South America Advanced Functional Revenue Market Share by Country  
(2017-2028)

Figure 71. Brazil Advanced Functional Revenue and Growth Rate (2017-2028) & (USD  
Million)

Figure 72. Argentina Advanced Functional Revenue and Growth Rate (2017-2028) &  
(USD Million)

Figure 73. Middle East & Africa Advanced Functional Sales Market Share by Type  
(2017-2028)

Figure 74. Middle East & Africa Advanced Functional Sales Market Share by Application  
(2017-2028)

Figure 75. Middle East & Africa Advanced Functional Sales Market Share by Region  
(2017-2028)

Figure 76. Middle East & Africa Advanced Functional Revenue Market Share by Region (2017-2028)

Figure 77. Turkey Advanced Functional Revenue and Growth Rate (2017-2028) & (USD Million)

Figure 78. Egypt Advanced Functional Revenue and Growth Rate (2017-2028) & (USD Million)

Figure 79. Saudi Arabia Advanced Functional Revenue and Growth Rate (2017-2028) & (USD Million)

Figure 80. South Africa Advanced Functional Revenue and Growth Rate (2017-2028) & (USD Million)

Figure 81. Manufacturing Cost Structure Analysis of Advanced Functional in 2021

Figure 82. Manufacturing Process Analysis of Advanced Functional

Figure 83. Advanced Functional Industrial Chain

Figure 84. Sales Channel: Direct Channel vs Indirect Channel

Figure 85. Methodology

Figure 86. Research Process and Data Source

## I would like to order

Product name: Global Advanced Functional Market 2022 by Manufacturers, Regions, Type and Application, Forecast to 2028

Product link: <https://marketpublishers.com/r/GBE098EE5D9EN.html>

Price: US\$ 3,132.00 (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/GBE098EE5D9EN.html>