

Global Smart Materials Market Analysis 2016-2020 and Forecast 2021-2026

<https://marketpublishers.com/r/GA6B79CCB011EN.html>

Date: February 2021

Pages: 89

Price: US\$ 2,980.00 (Single User License)

ID: GA6B79CCB011EN

Abstracts

SNAPSHOT

The global Smart Materials market size is estimated at xxx million USD with a CAGR xx% from 2016-2020 and is expected to reach xxx Million USD in 2021 with a CAGR xx% from 2021 to 2026. The report begins from overview of Industry Chain structure, and describes industry environment, then analyses market size and forecast of Smart Materials by product, region and application, in addition, this report introduces market competition situation among the vendors and company profile, besides, market price analysis and value chain features are covered in this report.

Product Type Coverage (Market Size & Forecast, Major Company of Product Type etc.):

Piezoelectric Materials

Shape-Memory Alloys

Magnetostrictive Materials

Smart Inorganic Polymers

Temperature-Responsive Polymers

Others

Company Coverage (Company Profile, Sales Revenue, Price, Gross Margin, Main Products etc.):

Smart Material Corporation

Ioniqa

Laird Tech

Vertellus

Etrema

Olikrom

GSP Chemical

Qingdao Jiapu

TDK Corporation

Application Coverage (Market Size & Forecast, Different Demand Market by Region, Main Consumer Profile etc.):

Construction Industry

Aircraft Manufacturing

Pharma & Healthcare

Military

Automobile

Others

Region Coverage (Regional Production, Demand & Forecast by Countries etc.):

North America (U.S., Canada, Mexico)

Europe (Germany, U.K., France, Italy, Russia, Spain etc.)

Asia-Pacific (China, India, Japan, Southeast Asia etc.)

South America (Brazil, Argentina etc.)

Middle East & Africa (Saudi Arabia, South Africa etc.)

Contents

1 INDUSTRY OVERVIEW

1.1 Smart Materials Industry

Figure Smart Materials Industry Chain Structure

1.1.1 Overview

1.1.2 Development of Smart Materials

1.2 Market Segment

1.2.1 Upstream

Table Upstream Segment of Smart Materials

1.2.2 Downstream

Table Application Segment of Smart Materials

Table Global Smart Materials Market 2016-2026, by Application, in USD Million

1.2.3 COVID-19 Impact

1.3 Cost Analysis

2 INDUSTRY ENVIRONMENT (PEST ANALYSIS)

2.1 Policy

2.2 Economics

2.3 Sociology

2.4 Technology

3 SMART MATERIALS MARKET BY TYPE

3.1 By Type

3.1.1 Piezoelectric Materials

Table Major Company List of Piezoelectric Materials

3.1.2 Shape-Memory Alloys

Table Major Company List of Shape-Memory Alloys

3.1.3 Magnetostrictive Materials

Table Major Company List of Magnetostrictive Materials

3.1.4 Smart Inorganic Polymers

Table Major Company List of Smart Inorganic Polymers

3.1.5 Temperature-Responsive Polymers

Table Major Company List of Temperature-Responsive Polymers

3.1.6 Others

Table Major Company List of Others

3.2 Market Size

Table Global Smart Materials Market 2016-2020, by Type, in USD Million

Figure Global Smart Materials Market Growth 2016-2020, by Type, in USD Million

Table Global Smart Materials Market 2016-2020, by Type, in Volume

Figure Global Smart Materials Market Growth 2016-2020, by Type, in Volume

3.3 Market Forecast

Table Global Smart Materials Market Forecast 2021-2026, by Type, in USD Million

Table Global Smart Materials Market Forecast 2021-2026, by Type, in Volume

4 MAJOR COMPANIES LIST

4.1 Smart Material Corporation (Company Profile, Sales Data etc.)

4.1.1 Smart Material Corporation Profile

Table Smart Material Corporation Overview List

4.1.2 Smart Material Corporation Products & Services

4.1.3 Smart Material Corporation Business Operation Conditions

Table Business Operation of Smart Material Corporation (Sales Revenue, Sales Volume, Price, Cost, Gross Margin)

4.2 Ioniqa (Company Profile, Sales Data etc.)

4.2.1 Ioniqa Profile

Table Ioniqa Overview List

4.2.2 Ioniqa Products & Services

4.2.3 Ioniqa Business Operation Conditions

Table Business Operation of Ioniqa (Sales Revenue, Sales Volume, Price, Cost, Gross Margin)

4.3 Laird Tech (Company Profile, Sales Data etc.)

4.3.1 Laird Tech Profile

Table Laird Tech Overview List

4.3.2 Laird Tech Products & Services

4.3.3 Laird Tech Business Operation Conditions

Table Business Operation of Laird Tech (Sales Revenue, Sales Volume, Price, Cost, Gross Margin)

4.4 Vertellus (Company Profile, Sales Data etc.)

4.4.1 Vertellus Profile

Table Vertellus Overview List

4.4.2 Vertellus Products & Services

4.4.3 Vertellus Business Operation Conditions

Table Business Operation of Vertellus (Sales Revenue, Sales Volume, Price, Cost, Gross Margin)

4.5 Etrema (Company Profile, Sales Data etc.)

4.5.1 Etrema Profile

Table Etrema Overview List

4.5.2 Etrema Products & Services

4.5.3 Etrema Business Operation Conditions

Table Business Operation of Etrema (Sales Revenue, Sales Volume, Price, Cost, Gross Margin)

4.6 Olikrom (Company Profile, Sales Data etc.)

4.6.1 Olikrom Profile

Table Olikrom Overview List

4.6.2 Olikrom Products & Services

4.6.3 Olikrom Business Operation Conditions

Table Business Operation of Olikrom (Sales Revenue, Sales Volume, Price, Cost, Gross Margin)

4.7 GSP Chemical (Company Profile, Sales Data etc.)

4.7.1 GSP Chemical Profile

Table GSP Chemical Overview List

4.7.2 GSP Chemical Products & Services

4.7.3 GSP Chemical Business Operation Conditions

Table Business Operation of GSP Chemical (Sales Revenue, Sales Volume, Price, Cost, Gross Margin)

4.8 Qingdao Jiapu (Company Profile, Sales Data etc.)

4.8.1 Qingdao Jiapu Profile

Table Qingdao Jiapu Overview List

4.8.2 Qingdao Jiapu Products & Services

4.8.3 Qingdao Jiapu Business Operation Conditions

Table Business Operation of Qingdao Jiapu (Sales Revenue, Sales Volume, Price, Cost, Gross Margin)

4.9 TDK Corporation (Company Profile, Sales Data etc.)

4.9.1 TDK Corporation Profile

Table TDK Corporation Overview List

4.9.2 TDK Corporation Products & Services

4.9.3 TDK Corporation Business Operation Conditions

Table Business Operation of TDK Corporation (Sales Revenue, Sales Volume, Price, Cost, Gross Margin)

5 MARKET COMPETITION

5.1 Company Competition

Table Global Smart Materials Sales Revenue 2016-2020, by Company, in USD Million

Table Global Smart Materials Sales Revenue Share 2016-2020, by Company, in USD Million

Figure Global Smart Materials Sales Revenue Share in 2020, by Company, in USD Million

Table Global Smart Materials Sales Volume 2016-2020, by Company, in Volume

Table Global Smart Materials Sales Volume Share 2016-2020, by Company, in Volume

Figure Global Smart Materials Sales Volume Share in 2020, by Company, in Volume

5.2 Regional Market by Company

Figure North America Smart Materials Market Concentration, in 2020

Figure Europe Smart Materials Market Market Concentration, in 2020

Figure Asia-Pacific Smart Materials Market Concentration, in 2020

Figure South America Smart Materials Market Concentration, in 2020

Figure Middle East & Africa Smart Materials Market Concentration, in 2020

6 DEMAND BY END MARKET

6.1 Demand Situation

6.1.1 Demand in Construction Industry

Figure Smart Materials Demand in Construction Industry, 2016-2020, in USD Million

Figure Smart Materials Demand in Construction Industry, 2016-2020, in Volume

6.1.2 Demand in Aircraft Manufacturing

Figure Smart Materials Demand in Aircraft Manufacturing, 2016-2020, in USD Million

Figure Smart Materials Demand in Aircraft Manufacturing, 2016-2020, in Volume

6.1.3 Demand in Pharma & Healthcare

Figure Smart Materials Demand in Pharma & Healthcare, 2016-2020, in USD Million

Figure Smart Materials Demand in Pharma & Healthcare, 2016-2020, in Volume

6.1.4 Demand in Military

Figure Smart Materials Demand in Military, 2016-2020, in USD Million

Figure Smart Materials Demand in Military, 2016-2020, in Volume

6.1.5 Demand in Automobile

Figure Smart Materials Demand in Automobile, 2016-2020, in USD Million

Figure Smart Materials Demand in Automobile, 2016-2020, in Volume

6.1.6 Demand in Others

Figure Smart Materials Demand in Others, 2016-2020, in USD Million

Figure Smart Materials Demand in Others, 2016-2020, in Volume

6.2 Regional Demand Comparison

Table Regional Demand Comparison List

Table Major Application in Different Regions

6.3 Demand Forecast

Table Smart Materials Demand Forecast 2021-2026, by Application, in USD Million

Figure Smart Materials Market Growth 2021-2026, by Application, in USD Million

Figure Smart Materials Market Share in 2026, by Application, in USD Million

Table Smart Materials Demand Forecast 2021-2026, by Application, in Volume

Table Smart Materials Market Growth 2021-2026, by Application, in Volume

Table Smart Materials Market Share in 2026, by Application, in Volume

6.4 Impact of the COVID-19 on the Demand

7 REGION OPERATION

7.1 Regional Production

Table Smart Materials Production 2016-2020, by Region, in USD Million

Table Smart Materials Production 2016-2020, by Region, in Volume

7.2 Regional Market

Table Global Smart Materials Market 2016-2020, by Region, in USD Million

Table Global Smart Materials Market Share 2016-2020, by Region, in USD Million

Table Global Smart Materials Market 2016-2020, by Region, in Volume

Table Global Smart Materials Market Share 2016-2020, by Region, in Volume

7.3 by Region

7.3.1 North America

7.3.1.1 Overview

Figure North America Smart Materials Market Size and Growth 2016-2020, in USD Million

Figure North America Smart Materials Market Size and Growth 2016-2020, in Volume

7.3.1.2 by Country (U.S., Canada, Mexico)

Table North America Smart Materials Market Size 2016-2020, by Country, in USD Million

Table North America Smart Materials Market Size 2016-2020, by Country, in Volume

7.3.2 Europe

7.3.2.1 Overview

Figure Europe Smart Materials Market Size and Growth 2016-2020, in USD Million

Figure Europe Smart Materials Market Size and Growth 2016-2020, in Volume

7.3.2.2 by Country (Germany, U.K., France, Italy, Russia, Spain etc.)

Table Europe Smart Materials Market Size 2016-2020, by Country, in USD Million

Table Europe Smart Materials Market Size 2016-2020, by Country, in Volume

7.3.3 Asia-Pacific

7.3.3.1 Overview

Figure Asia-Pacific Smart Materials Market Size and Growth 2016-2020, in USD Million

Figure Asia-Pacific Smart Materials Market Size and Growth 2016-2020, in Volume

7.3.3.2 by Country (China, India, Japan, Southeast Asia etc.)

Table Asia-Pacific Smart Materials Market Size 2016-2020, by Country, in USD Million

Table Asia-Pacific Smart Materials Market Size 2016-2020, by Country, in Volume

7.3.4 South America

7.3.4.1 Overview

Figure South America Smart Materials Market Size and Growth 2016-2020, in USD Million

Figure South America Smart Materials Market Size and Growth 2016-2020, in Volume

7.3.4.2 by Country (Brazil, Argentina etc.)

Table South America Smart Materials Market Size 2016-2020, by Country, in USD Million

Table South America Smart Materials Market Size 2016-2020, by Country, in Volume

7.3.5 Middle East & Africa

7.3.5.1 Overview

Figure Middle East & Africa Smart Materials Market Size and Growth 2016-2020, in USD Million

Figure Middle East & Africa Smart Materials Market Size and Growth 2016-2020, in Volume

7.3.5.2 by Country (Saudi Arabia, South Africa etc.)

Table Middle East & Africa Smart Materials Market Size 2016-2020, by Country, in USD Million

Table Middle East & Africa Smart Materials Market Size 2016-2020, by Country, in Volume

7.4 Regional Import & Export

7.5 Regional Forecast

Table Smart Materials Market Forecast 2021-2026, by Region, in USD Million

Table Smart Materials Market Forecast 2021-2026, by Region, in Volume

8 MARKETING & PRICE

8.1 Price and Margin

8.1.1 Price Trends

8.1.2 Factors of Price Change

Table Price Factors List

8.1.3 Manufacturers Gross Margin Analysis

8.2 Marketing Channel

Figure Marketing Channels Overview

9 RESEARCH CONCLUSION

List Of Tables

LIST OF TABLES

1. Table Upstream Segment of Smart Materials
2. Table Application Segment of Smart Materials
3. Table Global Smart Materials Market 2016-2026, by Application, in USD Million
4. Table Major Company List of Shape-Memory Alloys
5. Table Major Company List of Magnetostrictive Materials
6. Table Major Company List of Smart Inorganic Polymers
7. Table Major Company List of Temperature-Responsive Polymers
8. Table Major Company List of Others
9. Table Global Smart Materials Market 2016-2020, by Type, in USD Million
10. Table Global Smart Materials Market 2016-2020, by Type, in Volume
11. Table Global Smart Materials Market Forecast 2021-2026, by Type, in USD Million
12. Table Global Smart Materials Market Forecast 2021-2026, by Type, in Volume
13. Table Smart Material Corporation Overview List
14. Table Business Operation of Smart Material Corporation (Sales Revenue, Sales Volume, Price, Cost, Gross Margin)
15. Table Ioniqa Overview List
16. Table Business Operation of Ioniqa (Sales Revenue, Sales Volume, Price, Cost, Gross Margin)
17. Table Laird Tech Overview List
18. Table Business Operation of Laird Tech (Sales Revenue, Sales Volume, Price, Cost, Gross Margin)
19. Table Vertellus Overview List
20. Table Business Operation of Vertellus (Sales Revenue, Sales Volume, Price, Cost, Gross Margin)
21. Table Etrema Overview List
22. Table Business Operation of Etrema (Sales Revenue, Sales Volume, Price, Cost, Gross Margin)
23. Table Olikrom Overview List
24. Table Business Operation of Olikrom (Sales Revenue, Sales Volume, Price, Cost, Gross Margin)
25. Table GSP Chemical Overview List
26. Table Business Operation of GSP Chemical (Sales Revenue, Sales Volume, Price, Cost, Gross Margin)
27. Table Qingdao Jiapu Overview List
28. Table Business Operation of Qingdao Jiapu (Sales Revenue, Sales Volume, Price, Cost, Gross Margin)

29. Table TDK Corporation Overview List
30. Table Business Operation of TDK Corporation (Sales Revenue, Sales Volume, Price, Cost, Gross Margin)
31. Table Global Smart Materials Sales Revenue 2016-2020, by Company, in USD Million
32. Table Global Smart Materials Sales Revenue Share 2016-2020, by Company, in USD Million
33. Table Global Smart Materials Sales Volume 2016-2020, by Company, in Volume
34. Table Global Smart Materials Sales Volume Share 2016-2020, by Company, in Volume
35. Table Regional Demand Comparison List
36. Table Major Application in Different Regions
37. Table Smart Materials Demand Forecast 2021-2026, by Application, in USD Million
38. Table Smart Materials Demand Forecast 2021-2026, by Application, in Volume
39. Table Smart Materials Market Growth 2021-2026, by Application, in Volume
40. Table Smart Materials Market Share in 2026, by Application, in Volume
41. Table Smart Materials Production 2016-2020, by Region, in USD Million
42. Table Smart Materials Production 2016-2020, by Region, in Volume
43. Table Global Smart Materials Market 2016-2020, by Region, in USD Million
44. Table Global Smart Materials Market Share 2016-2020, by Region, in USD Million
45. Table Global Smart Materials Market 2016-2020, by Region, in Volume
46. Table Global Smart Materials Market Share 2016-2020, by Region, in Volume
47. Table North America Smart Materials Market Size 2016-2020, by Country, in USD Million
48. Table North America Smart Materials Market Size 2016-2020, by Country, in Volume
49. Table Europe Smart Materials Market Size 2016-2020, by Country, in USD Million
50. Table Europe Smart Materials Market Size 2016-2020, by Country, in Volume
51. Table Asia-Pacific Smart Materials Market Size 2016-2020, by Country, in USD Million
52. Table Asia-Pacific Smart Materials Market Size 2016-2020, by Country, in Volume
53. Table South America Smart Materials Market Size 2016-2020, by Country, in USD Million
54. Table South America Smart Materials Market Size 2016-2020, by Country, in Volume
55. Table Middle East & Africa Smart Materials Market Size 2016-2020, by Country, in USD Million
56. Table Middle East & Africa Smart Materials Market Size 2016-2020, by Country, in Volume

- 57. Table Smart Materials Market Forecast 2021-2026, by Region, in USD Million
- 58. Table Smart Materials Market Forecast 2021-2026, by Region, in Volume
- 59. Table Price Factors List

List Of Figures

LIST OF FIGURES

1. Figure Smart Materials Industry Chain Structure
2. Figure Global Smart Materials Market Growth 2016-2020, by Type, in USD Million
3. Figure Global Smart Materials Market Growth 2016-2020, by Type, in Volume
4. Figure Global Smart Materials Sales Revenue Share in 2020, by Company, in USD Million
5. Figure Global Smart Materials Sales Volume Share in 2020, by Company, in Volume
6. Figure North America Smart Materials Market Concentration, in 2020
7. Figure Europe Smart Materials Market Market Concentration, in 2020
8. Figure Asia-Pacific Smart Materials MMarket Concentration, in 2020
9. Figure South America Smart Materials Market Concentration, in 2020
10. Figure Middle East & Africa Smart Materials Market Concentration, in 2020
11. Figure Smart Materials Demand in Construction Industry, 2016-2020, in USD Million
12. Figure Smart Materials Demand in Construction Industry, 2016-2020, in Volume
13. Figure Smart Materials Demand in Aircraft Manufacturing, 2016-2020, in USD Million
14. Figure Smart Materials Demand in Aircraft Manufacturing, 2016-2020, in Volume
15. Figure Smart Materials Demand in Pharma & Healthcare, 2016-2020, in USD Million
16. Figure Smart Materials Demand in Pharma & Healthcare, 2016-2020, in Volume
17. Figure Smart Materials Demand in Military, 2016-2020, in USD Million
18. Figure Smart Materials Demand in Military, 2016-2020, in Volume
19. Figure Smart Materials Demand in Automobile, 2016-2020, in USD Million
20. Figure Smart Materials Demand in Automobile, 2016-2020, in Volume
21. Figure Smart Materials Demand in Others, 2016-2020, in USD Million
22. Figure Smart Materials Demand in Others, 2016-2020, in Volume
23. Figure Smart Materials Market Growth 2021-2026, by Application, in USD Million
24. Figure Smart Materials Market Share in 2026, by Application, in USD Million
25. Figure North America Smart Materials Market Size and Growth 2016-2020, in USD Million
26. Figure North America Smart Materials Market Size and Growth 2016-2020, in Volume
27. Figure Europe Smart Materials Market Size and Growth 2016-2020, in USD Million
28. Figure Europe Smart Materials Market Size and Growth 2016-2020, in Volume
29. Figure Asia-Pacific Smart Materials Market Size and Growth 2016-2020, in USD Million
30. Figure Asia-Pacific Smart Materials Market Size and Growth 2016-2020, in Volume
31. Figure South America Smart Materials Market Size and Growth 2016-2020, in USD

Million

32. Figure South America Smart Materials Market Size and Growth 2016-2020, in Volume

33. Figure Middle East & Africa Smart Materials Market Size and Growth 2016-2020, in USD Million

34. Figure Middle East & Africa Smart Materials Market Size and Growth 2016-2020, in Volume

35. Figure Marketing Channels Overview

I would like to order

Product name: Global Smart Materials Market Analysis 2016-2020 and Forecast 2021-2026

Product link: <https://marketpublishers.com/r/GA6B79CCB011EN.html>

Price: US\$ 2,980.00 (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/GA6B79CCB011EN.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