

**Global Color-Shifting Materials Market 2017 -  
Production, Sales, Supply, Demand, Analysis &  
Forecast to 2021**

<http://www.mrsresearchgroup.com/market-analysis/global-color-shifting-materials-market-2017-production-sales.html>

In this report, the global Color-Shifting Materials market is valued at USD XX million in 2016 and is expected to reach USD XX million by the end of 2022, growing at a CAGR of XX% between 2016 and 2022.

Geographically, this report is segmented into several key Regions, with production, consumption, revenue (million USD), market share and growth rate of Color-Shifting Materials in these regions, from 2012 to 2022 (forecast), covering

North America

Europe

China

Japan

Southeast Asia

India

Global Color-Shifting Materials market competition by top manufacturers, with production, price, revenue (value) and market share for each manufacturer; the top players including

3M

Adidas

Sun Chemica

BASF

Chromatic Technologies

Johnson Controls

Kodak Graphics

Merck

Olikrom

PPG

Schreiner Group

Sellerink

DuPont

E Ink

JDS Uniphase

SICPA

Valspar

Alcoa Architectural Products

On the basis of product, this report displays the production, revenue, price, market share and growth rate of each type, primarily split into

Thermochromism Materials

Photochromism Materials

Electrochromism Materials

Solvatochromism Materials

Cathodchromism Materials

[Global Color-Shifting Materials Market 2017 - Production, Sales, Supply, Demand, Analysis & Forecast to 2021](#)



## Other

On the basis on the end users/applications, this report focuses on the status and outlook for major applications/end users, consumption (sales), market share and growth rate of Color-Shifting Materials for each application, including

- Automotive Surfaces
- Construction (Walls and Windows)
- Clothing and Textiles
- Brand Protection
- Sensors

If you have any special requirements, please let us know and we will offer you the report as you want.

## Table of Contents

### Global Color-Shifting Materials Market Research Report 2017

#### 1 Color-Shifting Materials Market Overview

##### 1.1 Product Overview and Scope of Color-Shifting Materials

##### 1.2 Color-Shifting Materials Segment by Type (Product Category)

1.2.1 Global Color-Shifting Materials Production and CAGR (%) Comparison by Type (Product Category)(2012-2022)

1.2.2 Global Color-Shifting Materials Production Market Share by Type (Product Category) in 2016

1.2.3 Thermochromism Materials

1.2.4 Photochromism Materials

1.2.5 Electrochromism Materials

1.2.6 Solvatochromism Materials

1.2.7 Cathodchromism Materials

1.2.8 Other

##### 1.3 Global Color-Shifting Materials Segment by Application

1.3.1 Color-Shifting Materials Consumption (Sales) Comparison by Application (2012-2022)

1.3.2 Automotive Surfaces

1.3.3 Construction (Walls and Windows)

1.3.4 Clothing and Textiles

1.3.5 Brand Protection

1.3.6 Sensors

##### 1.4 Global Color-Shifting Materials Market by Region (2012-2022)

1.4.1 Global Color-Shifting Materials Market Size (Value) and CAGR (%) Comparison by Region (2012-2022)

1.4.2 North America Status and Prospect (2012-2022)

[Global Color-Shifting Materials Market 2017 - Production, Sales, Supply, Demand, Analysis & Forecast to 2021](#)



- 1.4.3 Europe Status and Prospect (2012-2022)
- 1.4.4 China Status and Prospect (2012-2022)
- 1.4.5 Japan Status and Prospect (2012-2022)
- 1.4.6 Southeast Asia Status and Prospect (2012-2022)
- 1.4.7 India Status and Prospect (2012-2022)
- 1.5 Global Market Size (Value) of Color-Shifting Materials (2012-2022)
  - 1.5.1 Global Color-Shifting Materials Revenue Status and Outlook (2012-2022)
  - 1.5.2 Global Color-Shifting Materials Capacity, Production Status and Outlook (2012-2022)
- 2 Global Color-Shifting Materials Market Competition by Manufacturers
  - 2.1 Global Color-Shifting Materials Capacity, Production and Share by Manufacturers (2012-2017)
    - 2.1.1 Global Color-Shifting Materials Capacity and Share by Manufacturers (2012-2017)
    - 2.1.2 Global Color-Shifting Materials Production and Share by Manufacturers (2012-2017)
  - 2.2 Global Color-Shifting Materials Revenue and Share by Manufacturers (2012-2017)
  - 2.3 Global Color-Shifting Materials Average Price by Manufacturers (2012-2017)
  - 2.4 Manufacturers Color-Shifting Materials Manufacturing Base Distribution, Sales Area and Product Type
  - 2.5 Color-Shifting Materials Market Competitive Situation and Trends
    - 2.5.1 Color-Shifting Materials Market Concentration Rate
    - 2.5.2 Color-Shifting Materials Market Share of Top 3 and Top 5 Manufacturers
    - 2.5.3 Mergers & Acquisitions, Expansion
- 3 Global Color-Shifting Materials Capacity, Production, Revenue (Value) by Region (2012-2017)
  - 3.1 Global Color-Shifting Materials Capacity and Market Share by Region (2012-2017)
  - 3.2 Global Color-Shifting Materials Production and Market Share by Region (2012-2017)
  - 3.3 Global Color-Shifting Materials Revenue (Value) and Market Share by Region (2012-2017)
  - 3.4 Global Color-Shifting Materials Capacity, Production, Revenue, Price and Gross Margin (2012-2017)
  - 3.5 North America Color-Shifting Materials Capacity, Production, Revenue,

[Global Color-Shifting Materials Market 2017 - Production, Sales, Supply, Demand, Analysis & Forecast to 2021](#)



Price and Gross Margin (2012-2017)

3.6 Europe Color-Shifting Materials Capacity, Production, Revenue, Price and Gross Margin (2012-2017)

3.7 China Color-Shifting Materials Capacity, Production, Revenue, Price and Gross Margin (2012-2017)

3.8 Japan Color-Shifting Materials Capacity, Production, Revenue, Price and Gross Margin (2012-2017)

3.9 Southeast Asia Color-Shifting Materials Capacity, Production, Revenue, Price and Gross Margin (2012-2017)

3.10 India Color-Shifting Materials Capacity, Production, Revenue, Price and Gross Margin (2012-2017)

4 Global Color-Shifting Materials Supply (Production), Consumption, Export, Import by Region (2012-2017)

4.1 Global Color-Shifting Materials Consumption by Region (2012-2017)

4.2 North America Color-Shifting Materials Production, Consumption, Export, Import (2012-2017)

4.3 Europe Color-Shifting Materials Production, Consumption, Export, Import (2012-2017)

4.4 China Color-Shifting Materials Production, Consumption, Export, Import (2012-2017)

4.5 Japan Color-Shifting Materials Production, Consumption, Export, Import (2012-2017)

4.6 Southeast Asia Color-Shifting Materials Production, Consumption, Export, Import (2012-2017)

4.7 India Color-Shifting Materials Production, Consumption, Export, Import (2012-2017)

5 Global Color-Shifting Materials Production, Revenue (Value), Price Trend by Type

5.1 Global Color-Shifting Materials Production and Market Share by Type (2012-2017)

5.2 Global Color-Shifting Materials Revenue and Market Share by Type (2012-2017)

5.3 Global Color-Shifting Materials Price by Type (2012-2017)

5.4 Global Color-Shifting Materials Production Growth by Type (2012-2017)

6 Global Color-Shifting Materials Market Analysis by Application

6.1 Global Color-Shifting Materials Consumption and Market Share by Application (2012-2017)

6.2 Global Color-Shifting Materials Consumption Growth Rate by Application

[Global Color-Shifting Materials Market 2017 - Production, Sales, Supply, Demand, Analysis & Forecast to 2021](#)



(2012-2017)

### 6.3 Market Drivers and Opportunities

#### 6.3.1 Potential Applications

#### 6.3.2 Emerging Markets/Countries

## 7 Global Color-Shifting Materials Manufacturers Profiles/Analysis

### 7.1 3M

7.1.1 Company Basic Information, Manufacturing Base, Sales Area and Its Competitors

7.1.2 Color-Shifting Materials Product Category, Application and Specification

7.1.2.1 Product A

7.1.2.2 Product B

7.1.3 3M Color-Shifting Materials Capacity, Production, Revenue, Price and Gross Margin (2012-2017)

7.1.4 Main Business/Business Overview

### 7.2 Adidas

7.2.1 Company Basic Information, Manufacturing Base, Sales Area and Its Competitors

7.2.2 Color-Shifting Materials Product Category, Application and Specification

7.2.2.1 Product A

7.2.2.2 Product B

7.2.3 Adidas Color-Shifting Materials Capacity, Production, Revenue, Price and Gross Margin (2012-2017)

7.2.4 Main Business/Business Overview

### 7.3 Sun Chemica

7.3.1 Company Basic Information, Manufacturing Base, Sales Area and Its Competitors

7.3.2 Color-Shifting Materials Product Category, Application and Specification

7.3.2.1 Product A

7.3.2.2 Product B

7.3.3 Sun Chemica Color-Shifting Materials Capacity, Production, Revenue, Price and Gross Margin (2012-2017)

7.3.4 Main Business/Business Overview

### 7.4 BASF

7.4.1 Company Basic Information, Manufacturing Base, Sales Area and Its Competitors

7.4.2 Color-Shifting Materials Product Category, Application and Specification

[Global Color-Shifting Materials Market 2017 - Production, Sales, Supply, Demand, Analysis & Forecast to 2021](#)



- 7.4.2.1 Product A
- 7.4.2.2 Product B
- 7.4.3 BASF Color-Shifting Materials Capacity, Production, Revenue, Price and Gross Margin (2012-2017)
- 7.4.4 Main Business/Business Overview
- 7.5 Chromatic Technologies
  - 7.5.1 Company Basic Information, Manufacturing Base, Sales Area and Its Competitors
  - 7.5.2 Color-Shifting Materials Product Category, Application and Specification
    - 7.5.2.1 Product A
    - 7.5.2.2 Product B
  - 7.5.3 Chromatic Technologies Color-Shifting Materials Capacity, Production, Revenue, Price and Gross Margin (2012-2017)
  - 7.5.4 Main Business/Business Overview
- 7.6 Johnson Controls
  - 7.6.1 Company Basic Information, Manufacturing Base, Sales Area and Its Competitors
  - 7.6.2 Color-Shifting Materials Product Category, Application and Specification
    - 7.6.2.1 Product A
    - 7.6.2.2 Product B
  - 7.6.3 Johnson Controls Color-Shifting Materials Capacity, Production, Revenue, Price and Gross Margin (2012-2017)
  - 7.6.4 Main Business/Business Overview
- 7.7 Kodak Graphics
  - 7.7.1 Company Basic Information, Manufacturing Base, Sales Area and Its Competitors
  - 7.7.2 Color-Shifting Materials Product Category, Application and Specification
    - 7.7.2.1 Product A
    - 7.7.2.2 Product B
  - 7.7.3 Kodak Graphics Color-Shifting Materials Capacity, Production, Revenue, Price and Gross Margin (2012-2017)
  - 7.7.4 Main Business/Business Overview
- 7.8 Merck
  - 7.8.1 Company Basic Information, Manufacturing Base, Sales Area and Its Competitors
  - 7.8.2 Color-Shifting Materials Product Category, Application and Specification
    - 7.8.2.1 Product A

[Global Color-Shifting Materials Market 2017 - Production, Sales, Supply, Demand, Analysis & Forecast to 2021](#)



- 7.8.2.2 Product B
  - 7.8.3 Merck Color-Shifting Materials Capacity, Production, Revenue, Price and Gross Margin (2012-2017)
  - 7.8.4 Main Business/Business Overview
  - 7.9 Olikrom
    - 7.9.1 Company Basic Information, Manufacturing Base, Sales Area and Its Competitors
    - 7.9.2 Color-Shifting Materials Product Category, Application and Specification
      - 7.9.2.1 Product A
      - 7.9.2.2 Product B
    - 7.9.3 Olikrom Color-Shifting Materials Capacity, Production, Revenue, Price and Gross Margin (2012-2017)
    - 7.9.4 Main Business/Business Overview
  - 7.10 PPG
    - 7.10.1 Company Basic Information, Manufacturing Base, Sales Area and Its Competitors
    - 7.10.2 Color-Shifting Materials Product Category, Application and Specification
      - 7.10.2.1 Product A
      - 7.10.2.2 Product B
    - 7.10.3 PPG Color-Shifting Materials Capacity, Production, Revenue, Price and Gross Margin (2012-2017)
    - 7.10.4 Main Business/Business Overview
  - 7.11 Schreiner Group
  - 7.12 Sellerink
  - 7.13 DuPont
  - 7.14 E Ink
  - 7.15 JDS Uniphase
  - 7.16 SICPA
  - 7.17 Valspar
  - 7.18 Alcoa Architectural Products
- 8 Color-Shifting Materials Manufacturing Cost Analysis
- 8.1 Color-Shifting Materials Key Raw Materials Analysis
    - 8.1.1 Key Raw Materials
    - 8.1.2 Price Trend of Key Raw Materials
    - 8.1.3 Key Suppliers of Raw Materials
    - 8.1.4 Market Concentration Rate of Raw Materials
  - 8.2 Proportion of Manufacturing Cost Structure
    - 8.2.1 Raw Materials

[Global Color-Shifting Materials Market 2017 - Production, Sales, Supply, Demand, Analysis & Forecast to 2021](#)



- 8.2.2 Labor Cost
- 8.2.3 Manufacturing Expenses
- 8.3 Manufacturing Process Analysis of Color-Shifting Materials
  
- 9 Industrial Chain, Sourcing Strategy and Downstream Buyers
  - 9.1 Color-Shifting Materials Industrial Chain Analysis
  - 9.2 Upstream Raw Materials Sourcing
  - 9.3 Raw Materials Sources of Color-Shifting Materials Major Manufacturers in 2015
  - 9.4 Downstream Buyers
  
- 10 Marketing Strategy Analysis, Distributors/Traders
  - 10.1 Marketing Channel
    - 10.1.1 Direct Marketing
    - 10.1.2 Indirect Marketing
    - 10.1.3 Marketing Channel Development Trend
  - 10.2 Market Positioning
    - 10.2.1 Pricing Strategy
    - 10.2.2 Brand Strategy
    - 10.2.3 Target Client
  - 10.3 Distributors/Traders List
  
- 11 Market Effect Factors Analysis
  - 11.1 Technology Progress/Risk
    - 11.1.1 Substitutes Threat
    - 11.1.2 Technology Progress in Related Industry
  - 11.2 Consumer Needs/Customer Preference Change
  - 11.3 Economic/Political Environmental Change
  
- 12 Global Color-Shifting Materials Market Forecast (2017-2022)
  - 12.1 Global Color-Shifting Materials Capacity, Production, Revenue Forecast (2017-2022)
    - 12.1.1 Global Color-Shifting Materials Capacity, Production and Growth Rate Forecast (2017-2022)
    - 12.1.2 Global Color-Shifting Materials Revenue and Growth Rate Forecast (2017-2022)
    - 12.1.3 Global Color-Shifting Materials Price and Trend Forecast (2017-2022)
  - 12.2 Global Color-Shifting Materials Production, Consumption , Import and Export Forecast by Region (2017-2022)
    - 12.2.1 North America Color-Shifting Materials Production, Revenue,

[Global Color-Shifting Materials Market 2017 - Production, Sales, Supply, Demand, Analysis & Forecast to 2021](#)



- Consumption, Export and Import Forecast (2017-2022)
  - 12.2.2 Europe Color-Shifting Materials Production, Revenue, Consumption, Export and Import Forecast (2017-2022)
  - 12.2.3 China Color-Shifting Materials Production, Revenue, Consumption, Export and Import Forecast (2017-2022)
  - 12.2.4 Japan Color-Shifting Materials Production, Revenue, Consumption, Export and Import Forecast (2017-2022)
  - 12.2.5 Southeast Asia Color-Shifting Materials Production, Revenue, Consumption, Export and Import Forecast (2017-2022)
  - 12.2.6 India Color-Shifting Materials Production, Revenue, Consumption, Export and Import Forecast (2017-2022)
- 12.3 Global Color-Shifting Materials Production, Revenue and Price Forecast by Type (2017-2022)
- 12.4 Global Color-Shifting Materials Consumption Forecast by Application (2017-2022)

## 13 Research Findings and Conclusion

## 14 Appendix

- 14.1 Methodology/Research Approach
  - 14.1.1 Research Programs/Design
  - 14.1.2 Market Size Estimation
  - 14.1.3 Market Breakdown and Data Triangulation
- 14.2 Data Source
  - 14.2.1 Secondary Sources
  - 14.2.2 Primary Sources
- 14.3 Disclaimer

## List of Tables and Figures

- Figure Picture of Color-Shifting Materials
- Figure Global Color-Shifting Materials Production (K MT) and CAGR (%) Comparison by Types (Product Category) (2012-2022)
- Figure Global Color-Shifting Materials Production Market Share by Types (Product Category) in 2016
- Figure Product Picture of Thermochromism Materials
- Table Major Manufacturers of Thermochromism Materials
- Figure Product Picture of Photochromism Materials
- Table Major Manufacturers of Photochromism Materials
- Figure Product Picture of Electrochromism Materials

[Global Color-Shifting Materials Market 2017 - Production, Sales, Supply, Demand, Analysis & Forecast to 2021](#)



Table Major Manufacturers of Electrochromism Materials  
Figure Product Picture of Solvatochromism Materials  
Table Major Manufacturers of Solvatochromism Materials  
Figure Product Picture of Cathodchromism Materials  
Table Major Manufacturers of Cathodchromism Materials  
Figure Product Picture of Other  
Table Major Manufacturers of Other  
Figure Global Color-Shifting Materials Consumption (K MT) by Applications (2012-2022)  
Figure Global Color-Shifting Materials Consumption Market Share by Applications in 2016  
Figure Automotive Surfaces Examples  
Table Key Downstream Customer in Automotive Surfaces  
Figure Construction (Walls and Windows) Examples  
Table Key Downstream Customer in Construction (Walls and Windows)  
Figure Clothing and Textiles Examples  
Table Key Downstream Customer in Clothing and Textiles  
Figure Brand Protection Examples  
Table Key Downstream Customer in Brand Protection  
Figure Sensors Examples  
Table Key Downstream Customer in Sensors  
Figure Global Color-Shifting Materials Market Size (Million USD), Comparison (K MT) and CAGR (%) by Regions (2012-2022)  
Figure North America Color-Shifting Materials Revenue (Million USD) and Growth Rate (2012-2022)  
Figure Europe Color-Shifting Materials Revenue (Million USD) and Growth Rate (2012-2022)  
Figure China Color-Shifting Materials Revenue (Million USD) and Growth Rate (2012-2022)  
Figure Japan Color-Shifting Materials Revenue (Million USD) and Growth Rate (2012-2022)  
Figure Southeast Asia Color-Shifting Materials Revenue (Million USD) and Growth Rate (2012-2022)  
Figure India Color-Shifting Materials Revenue (Million USD) and Growth Rate (2012-2022)  
Figure Global Color-Shifting Materials Revenue (Million USD) Status and Outlook (2012-2022)  
Figure Global Color-Shifting Materials Capacity, Production (K MT) Status and Outlook (2012-2022)  
Figure Global Color-Shifting Materials Major Players Product Capacity (K MT) (2012-2017)

[Global Color-Shifting Materials Market 2017 - Production, Sales, Supply, Demand, Analysis & Forecast to 2021](#)



Table Global Color-Shifting Materials Capacity (K MT) of Key Manufacturers (2012-2017)

Table Global Color-Shifting Materials Capacity Market Share of Key Manufacturers (2012-2017)

Figure Global Color-Shifting Materials Capacity (K MT) of Key Manufacturers in 2016

Figure Global Color-Shifting Materials Capacity (K MT) of Key Manufacturers in 2017

Figure Global Color-Shifting Materials Major Players Product Production (K MT) (2012-2017)

Table Global Color-Shifting Materials Production (K MT) of Key Manufacturers (2012-2017)

Table Global Color-Shifting Materials Production Share by Manufacturers (2012-2017)

Figure 2016 Color-Shifting Materials Production Share by Manufacturers

Figure 2017 Color-Shifting Materials Production Share by Manufacturers

Figure Global Color-Shifting Materials Major Players Product Revenue (Million USD) (2012-2017)

Table Global Color-Shifting Materials Revenue (Million USD) by Manufacturers (2012-2017)

Table Global Color-Shifting Materials Revenue Share by Manufacturers (2012-2017)

Table 2016 Global Color-Shifting Materials Revenue Share by Manufacturers

Table 2017 Global Color-Shifting Materials Revenue Share by Manufacturers

Table Global Market Color-Shifting Materials Average Price (USD/MT) of Key Manufacturers (2012-2017)

Figure Global Market Color-Shifting Materials Average Price (USD/MT) of Key Manufacturers in 2016

Table Manufacturers Color-Shifting Materials Manufacturing Base Distribution and Sales Area

Table Manufacturers Color-Shifting Materials Product Category

Figure Color-Shifting Materials Market Share of Top 3 Manufacturers

Figure Color-Shifting Materials Market Share of Top 5 Manufacturers

Table Global Color-Shifting Materials Capacity (K MT) by Region (2012-2017)

Figure Global Color-Shifting Materials Capacity Market Share by Region (2012-2017)

Figure Global Color-Shifting Materials Capacity Market Share by Region (2012-2017)

Figure 2016 Global Color-Shifting Materials Capacity Market Share by Region

Table Global Color-Shifting Materials Production by Region (2012-2017)

Figure Global Color-Shifting Materials Production (K MT) by Region (2012-

[Global Color-Shifting Materials Market 2017 - Production, Sales, Supply, Demand, Analysis & Forecast to 2021](#)



2017)

Figure Global Color-Shifting Materials Production Market Share by Region (2012-2017)

Figure 2016 Global Color-Shifting Materials Production Market Share by Region

Table Global Color-Shifting Materials Revenue (Million USD) by Region (2012-2017)

Table Global Color-Shifting Materials Revenue Market Share by Region (2012-2017)

Figure Global Color-Shifting Materials Revenue Market Share by Region (2012-2017)

Table 2016 Global Color-Shifting Materials Revenue Market Share by Region

Figure Global Color-Shifting Materials Capacity, Production (K MT) and Growth Rate (2012-2017)

Table Global Color-Shifting Materials Capacity, Production (K MT), Revenue (Million USD), Price (USD/MT) and Gross Margin (2012-2017)

Table North America Color-Shifting Materials Capacity, Production (K MT), Revenue (Million USD), Price (USD/MT) and Gross Margin (2012-2017)

Table Europe Color-Shifting Materials Capacity, Production (K MT), Revenue (Million USD), Price (USD/MT) and Gross Margin (2012-2017)

Table China Color-Shifting Materials Capacity, Production (K MT), Revenue (Million USD), Price (USD/MT) and Gross Margin (2012-2017)

Table Japan Color-Shifting Materials Capacity, Production (K MT), Revenue (Million USD), Price (USD/MT) and Gross Margin (2012-2017)

Table Southeast Asia Color-Shifting Materials Capacity, Production (K MT), Revenue (Million USD), Price (USD/MT) and Gross Margin (2012-2017)

Table India Color-Shifting Materials Capacity, Production (K MT), Revenue (Million USD), Price (USD/MT) and Gross Margin (2012-2017)

Table Global Color-Shifting Materials Consumption (K MT) Market by Region (2012-2017)

Table Global Color-Shifting Materials Consumption Market Share by Region (2012-2017)

Figure Global Color-Shifting Materials Consumption Market Share by Region (2012-2017)

Figure 2016 Global Color-Shifting Materials Consumption (K MT) Market Share by Region

Table North America Color-Shifting Materials Production, Consumption, Import & Export (K MT) (2012-2017)

Table Europe Color-Shifting Materials Production, Consumption, Import & Export (K MT) (2012-2017)

Table China Color-Shifting Materials Production, Consumption, Import &

[Global Color-Shifting Materials Market 2017 - Production, Sales, Supply, Demand, Analysis & Forecast to 2021](#)

Export (K MT) (2012-2017)

Table Japan Color-Shifting Materials Production, Consumption, Import & Export (K MT) (2012-2017)

Table Southeast Asia Color-Shifting Materials Production, Consumption, Import & Export (K MT) (2012-2017)

Table India Color-Shifting Materials Production, Consumption, Import & Export (K MT) (2012-2017)

Table Global Color-Shifting Materials Production (K MT) by Type (2012-2017)

Table Global Color-Shifting Materials Production Share by Type (2012-2017)

Figure Production Market Share of Color-Shifting Materials by Type (2012-2017)

Figure 2016 Production Market Share of Color-Shifting Materials by Type

Table Global Color-Shifting Materials Revenue (Million USD) by Type (2012-2017)

Table Global Color-Shifting Materials Revenue Share by Type (2012-2017)

Figure Production Revenue Share of Color-Shifting Materials by Type (2012-2017)

Figure 2016 Revenue Market Share of Color-Shifting Materials by Type

Table Global Color-Shifting Materials Price (USD/MT) by Type (2012-2017)

Figure Global Color-Shifting Materials Production Growth by Type (2012-2017)

Table Global Color-Shifting Materials Consumption (K MT) by Application (2012-2017)

Table Global Color-Shifting Materials Consumption Market Share by Application (2012-2017)

Figure Global Color-Shifting Materials Consumption Market Share by Applications (2012-2017)

Figure Global Color-Shifting Materials Consumption Market Share by Application in 2016

Table Global Color-Shifting Materials Consumption Growth Rate by Application (2012-2017)

Figure Global Color-Shifting Materials Consumption Growth Rate by Application (2012-2017)

Table 3M Basic Information, Manufacturing Base, Sales Area and Its Competitors

Table 3M Color-Shifting Materials Capacity, Production (K MT), Revenue (Million USD), Price (USD/MT) and Gross Margin (2012-2017)

Figure 3M Color-Shifting Materials Production Growth Rate (2012-2017)

Figure 3M Color-Shifting Materials Production Market Share (2012-2017)

Figure 3M Color-Shifting Materials Revenue Market Share (2012-2017)

Table Adidas Basic Information, Manufacturing Base, Sales Area and Its Competitors

[Global Color-Shifting Materials Market 2017 - Production, Sales, Supply, Demand, Analysis & Forecast to 2021](#)

Table Adidas Color-Shifting Materials Capacity, Production (K MT), Revenue (Million USD), Price (USD/MT) and Gross Margin (2012-2017)

Figure Adidas Color-Shifting Materials Production Growth Rate (2012-2017)

Figure Adidas Color-Shifting Materials Production Market Share (2012-2017)

Figure Adidas Color-Shifting Materials Revenue Market Share (2012-2017)

Table Sun Chemica Basic Information, Manufacturing Base, Sales Area and Its Competitors

Table Sun Chemica Color-Shifting Materials Capacity, Production (K MT), Revenue (Million USD), Price (USD/MT) and Gross Margin (2012-2017)

Figure Sun Chemica Color-Shifting Materials Production Growth Rate (2012-2017)

Figure Sun Chemica Color-Shifting Materials Production Market Share (2012-2017)

Figure Sun Chemica Color-Shifting Materials Revenue Market Share (2012-2017)

Table BASF Basic Information, Manufacturing Base, Sales Area and Its Competitors

Table BASF Color-Shifting Materials Capacity, Production (K MT), Revenue (Million USD), Price (USD/MT) and Gross Margin (2012-2017)

Figure BASF Color-Shifting Materials Production Growth Rate (2012-2017)

Figure BASF Color-Shifting Materials Production Market Share (2012-2017)

Figure BASF Color-Shifting Materials Revenue Market Share (2012-2017)

Table Chromatic Technologies Basic Information, Manufacturing Base, Sales Area and Its Competitors

Table Chromatic Technologies Color-Shifting Materials Capacity, Production (K MT), Revenue (Million USD), Price (USD/MT) and Gross Margin (2012-2017)

Figure Chromatic Technologies Color-Shifting Materials Production Growth Rate (2012-2017)

Figure Chromatic Technologies Color-Shifting Materials Production Market Share (2012-2017)

Figure Chromatic Technologies Color-Shifting Materials Revenue Market Share (2012-2017)

Table Johnson Controls Basic Information, Manufacturing Base, Sales Area and Its Competitors

Table Johnson Controls Color-Shifting Materials Capacity, Production (K MT), Revenue (Million USD), Price (USD/MT) and Gross Margin (2012-2017)

Figure Johnson Controls Color-Shifting Materials Production Growth Rate (2012-2017)

Figure Johnson Controls Color-Shifting Materials Production Market Share (2012-2017)

Figure Johnson Controls Color-Shifting Materials Revenue Market Share

[Global Color-Shifting Materials Market 2017 - Production, Sales, Supply, Demand, Analysis & Forecast to 2021](#)

(2012-2017)

Table Kodak Graphics Basic Information, Manufacturing Base, Sales Area and Its Competitors

Table Kodak Graphics Color-Shifting Materials Capacity, Production (K MT), Revenue (Million USD), Price (USD/MT) and Gross Margin (2012-2017)

Figure Kodak Graphics Color-Shifting Materials Production Growth Rate (2012-2017)

Figure Kodak Graphics Color-Shifting Materials Production Market Share (2012-2017)

Figure Kodak Graphics Color-Shifting Materials Revenue Market Share (2012-2017)

Table Merck Basic Information, Manufacturing Base, Sales Area and Its Competitors

Table Merck Color-Shifting Materials Capacity, Production (K MT), Revenue (Million USD), Price (USD/MT) and Gross Margin (2012-2017)

Figure Merck Color-Shifting Materials Production Growth Rate (2012-2017)

Figure Merck Color-Shifting Materials Production Market Share (2012-2017)

Figure Merck Color-Shifting Materials Revenue Market Share (2012-2017)

Table Olikrom Basic Information, Manufacturing Base, Sales Area and Its Competitors

Table Olikrom Color-Shifting Materials Capacity, Production (K MT), Revenue (Million USD), Price (USD/MT) and Gross Margin (2012-2017)

Figure Olikrom Color-Shifting Materials Production Growth Rate (2012-2017)

Figure Olikrom Color-Shifting Materials Production Market Share (2012-2017)

Figure Olikrom Color-Shifting Materials Revenue Market Share (2012-2017)

Table PPG Basic Information, Manufacturing Base, Sales Area and Its Competitors

Table PPG Color-Shifting Materials Capacity, Production (K MT), Revenue (Million USD), Price (USD/MT) and Gross Margin (2012-2017)

Figure PPG Color-Shifting Materials Production Growth Rate (2012-2017)

Figure PPG Color-Shifting Materials Production Market Share (2012-2017)

Figure PPG Color-Shifting Materials Revenue Market Share (2012-2017)

Table Production Base and Market Concentration Rate of Raw Material

Figure Price Trend of Key Raw Materials

Table Key Suppliers of Raw Materials

Figure Manufacturing Cost Structure of Color-Shifting Materials

Figure Manufacturing Process Analysis of Color-Shifting Materials

Figure Color-Shifting Materials Industrial Chain Analysis

Table Raw Materials Sources of Color-Shifting Materials Major Manufacturers in 2016

Table Major Buyers of Color-Shifting Materials

[Global Color-Shifting Materials Market 2017 - Production, Sales, Supply, Demand, Analysis & Forecast to 2021](#)





Table Distributors/Traders List

Figure Global Color-Shifting Materials Capacity, Production (K MT) and Growth Rate Forecast (2017-2022)

Figure Global Color-Shifting Materials Revenue (Million USD) and Growth Rate Forecast (2017-2022)

Figure Global Color-Shifting Materials Price (Million USD) and Trend Forecast (2017-2022)

Table Global Color-Shifting Materials Production (K MT) Forecast by Region (2017-2022)

Figure Global Color-Shifting Materials Production Market Share Forecast by Region (2017-2022)

Table Global Color-Shifting Materials Consumption (K MT) Forecast by Region (2017-2022)

Figure Global Color-Shifting Materials Consumption Market Share Forecast by Region (2017-2022)

Figure North America Color-Shifting Materials Production (K MT) and Growth Rate Forecast (2017-2022)

Figure North America Color-Shifting Materials Revenue (Million USD) and Growth Rate Forecast (2017-2022)

Table North America Color-Shifting Materials Production, Consumption, Export and Import (K MT) Forecast (2017-2022)

Figure Europe Color-Shifting Materials Production (K MT) and Growth Rate Forecast (2017-2022)

Figure Europe Color-Shifting Materials Revenue (Million USD) and Growth Rate Forecast (2017-2022)

Table Europe Color-Shifting Materials Production, Consumption, Export and Import (K MT) Forecast (2017-2022)

Figure China Color-Shifting Materials Production (K MT) and Growth Rate Forecast (2017-2022)

Figure China Color-Shifting Materials Revenue (Million USD) and Growth Rate Forecast (2017-2022)

Table China Color-Shifting Materials Production, Consumption, Export and Import (K MT) Forecast (2017-2022)

Figure Japan Color-Shifting Materials Production (K MT) and Growth Rate Forecast (2017-2022)

Figure Japan Color-Shifting Materials Revenue (Million USD) and Growth Rate Forecast (2017-2022)

Table Japan Color-Shifting Materials Production, Consumption, Export and Import (K MT) Forecast (2017-2022)

Figure Southeast Asia Color-Shifting Materials Production (K MT) and Growth Rate Forecast (2017-2022)

[Global Color-Shifting Materials Market 2017 - Production, Sales, Supply, Demand, Analysis & Forecast to 2021](#)



Figure Southeast Asia Color-Shifting Materials Revenue (Million USD) and Growth Rate Forecast (2017-2022)

Table Southeast Asia Color-Shifting Materials Production, Consumption, Export and Import (K MT) Forecast (2017-2022)

Figure India Color-Shifting Materials Production (K MT) and Growth Rate Forecast (2017-2022)

Figure India Color-Shifting Materials Revenue (Million USD) and Growth Rate Forecast (2017-2022)

Table India Color-Shifting Materials Production, Consumption, Export and Import (K MT) Forecast (2017-2022)

Table Global Color-Shifting Materials Production (K MT) Forecast by Type (2017-2022)

Figure Global Color-Shifting Materials Production (K MT) Forecast by Type (2017-2022)

Table Global Color-Shifting Materials Revenue (Million USD) Forecast by Type (2017-2022)

Figure Global Color-Shifting Materials Revenue Market Share Forecast by Type (2017-2022)

Table Global Color-Shifting Materials Price Forecast by Type (2017-2022)

Table Global Color-Shifting Materials Consumption (K MT) Forecast by Application (2017-2022)

Figure Global Color-Shifting Materials Consumption (K MT) Forecast by Application (2017-2022)

Table Research Programs/Design for This Report

Figure Bottom-up and Top-down Approaches for This Report

Figure Data Triangulation

Table Key Data Information from Secondary Sources

Table Key Data Information from Primary Source

[Global Color-Shifting Materials Market 2017 - Production, Sales, Supply, Demand, Analysis & Forecast to 2021](#)



mrsresearchgroup.com  
sales@mrsresearchgroup.com

## Contact Us

Joel John

3422 SW 15 Street, Suit #8138,

Deerfield Beach, Florida 33442,

United States

**Tel:** +1-386-310-3803

**GMT Tel:** +49-322 210 92714

**USA/Canada Toll Free No.** 1-855-465-4651

**Email:** [sales@mrsresearchgroup.com](mailto:sales@mrsresearchgroup.com)

**Web:** <http://www.mrsresearchgroup.com>

MRS Research Group

[Global Color-Shifting Materials Market 2017 - Production, Sales, Supply, Demand, Analysis & Forecast to 2021](#)



[mrsresearchgroup.com](http://mrsresearchgroup.com)  
[sales@mrsresearchgroup.com](mailto:sales@mrsresearchgroup.com)