

Color-Shifting Materials Market Research: Global Status & Forecast by Geography, Type & Application (2017-2027)

<https://marketpublishers.com/r/C8DA200FED6EN.html>

Date: October 2021

Pages: 65

Price: US\$ 2,280.00 (Single User License)

ID: C8DA200FED6EN

Abstracts

According to 99Strategy, the Global Color-Shifting Materials Market is estimated to reach xxx million USD in 2021 and projected to grow at the CAGR of xx% during the 2022-2027. The report analyses the global Color-Shifting Materials market, the market size and growth, as well as the major market participants.

The analysis includes market size, upstream situation, market segmentation, market segmentation, price & cost and industry environment. In addition, the report outlines the factors driving industry growth and the description of market channels. The report begins from overview of industrial chain structure, and describes the upstream. Besides, the report analyses market size and forecast in different geographies, type and end-use segment, in addition, the report introduces market competition overview among the major companies and companies profiles, besides, market price and channel features are covered in the report.

Key Regions

Asia Pacific

North America

Europe

South America

Middle East & Africa

Key Companies

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

Key Product Type

Thermochromism Materials

Photochromism Materials

Electrochromism Materials

Solvatochromism Materials

Cathodchromism Materials

Others

Market by Application

Automotive Surfaces

Construction (Walls and Windows)

Clothing and Textiles

Brand Protection

Sensors

Main Aspects covered in the Report

Overview of the Color-Shifting Materials market including production, consumption, status & forecast and market growth

2017-2021 historical data and 2022-2027 market forecast

Geographical analysis including major countries

Overview the product type market including development

Overview the end-user market including development

Contents

1 INDUSTRIAL CHAIN OVERVIEW

1.1 Color-Shifting Materials Industry

1.1.1 Overview

Figure Color-Shifting Materials Picture List

1.1.2 Characteristics of Color-Shifting Materials

1.2 Upstream

1.2.1 Major Materials

1.2.2 Manufacturing Overview

1.3 Product List By Type

1.3.1 Thermochromism Materials

1.3.2 Photochromism Materials

1.3.3 Electrochromism Materials

1.3.4 Solvatochromism Materials

1.3.5 Cathodchromism Materials

1.3.6 Others

1.4 End-Use List

1.4.1 Demand in Automotive Surfaces

1.4.2 Demand in Construction (Walls and Windows)

1.4.3 Demand in Clothing and Textiles

1.4.4 Demand in Brand Protection

1.4.5 Demand in Sensors

1.5 Global Market Overview

1.5.1 Global Market Size and Forecast, 2017-2027

Figure Global Market Size and Forecast with Growth Rate, 2017-2027

1.5.2 Global Market Size and Forecast by Geography with CAGR, 2017-2027

Table Global Market Size and Forecast by Geography with Growth Rate, 2017-2027

1.5.3 Global Market Size and Forecast by Product Type with CAGR, 2017-2027

Table Global Market Size and Forecast by Type with Growth Rate, 2017-2027

1.5.4 Global Market Size and Forecast by End-Use with CAGR, 2017-2027

Table Global Market Size and Forecast by End-Use with Growth Rate, 2017-2027

2 GLOBAL PRODUCTION & CONSUMPTION BY GEOGRAPHY

2.1 Global Production & Consumption

2.1.1 Global Production

Figure Global Production Volume Status and Growth Rate, 2017-2021, in Volume

Table Global Production Volume Status and Growth Rate by Geography, 2017-2021, in Volume

Figure Global Production Amount Status and Growth Rate, 2017-2021, in Million USD

Table Global Production Amount Status and Growth Rate by Geography, 2017-2021, in Million USD

2.1.2 Global Consumption

Figure Global Market Volume and Growth Rate, 2017-2021, in Volume

Table Global Market Volume and Growth Rate by Geography, 2017-2021, in Volume

Figure Global Market Amount and Growth Rate, 2017-2021, in Million USD

Table Global Market Amount and Growth Rate by Geography, 2017-2021, in Million USD

2.2 Geographic Production & Consumption

2.2.1 Production

2.2.1.1 Asia-Pacific

Figure Asia-Pacific Production Volume Status and Growth Rate, 2017-2021, in Volume

Table Asia-Pacific Production Volume Status and Growth Rate by Region, 2017-2021, in Volume

Figure Asia-Pacific Production Amount Status and Growth Rate, 2017-2021, in Million USD

Table Asia-Pacific Production Amount Status and Growth Rate by Region, 2017-2021, in Million USD

2.2.1.2 North America

Figure North America Production Volume Status and Growth Rate, 2017-2021, in Volume

Table North America Production Volume Status and Growth Rate by Region, 2017-2021, in Volume

Figure North America Production Amount Status and Growth Rate, 2017-2021, in Million USD

Table North America Production Amount Status and Growth Rate by Region, 2017-2021, in Million USD

2.2.1.3 South America

Figure South America Production Volume Status and Growth Rate, 2017-2021, in Volume

Table South America Production Volume Status and Growth Rate by Region, 2017-2021, in Volume

Figure South America Production Amount Status and Growth Rate, 2017-2021, in Million USD

Table South America Production Amount Status and Growth Rate by Region, 2017-2021, in Million USD

2.2.1.4 Europe

Figure Europe Production Volume Status and Growth Rate, 2017-2021, in Volume

Table Europe Production Volume Status and Growth Rate by Region, 2017-2021, in Volume

Figure Europe Production Amount Status and Growth Rate, 2017-2021, in Million USD

Table Europe Production Amount Status and Growth Rate by Region, 2017-2021, in Million USD

2.2.1.5 Middle East & Africa

Figure Middle East & Africa Production Volume Status and Growth Rate, 2017-2021, in Volume

Table Middle East & Africa Production Volume Status and Growth Rate by Region, 2017-2021, in Volume

Figure Middle East & Africa Production Amount Status and Growth Rate, 2017-2021, in Million USD

Table Middle East & Africa Production Amount Status and Growth Rate by Region, 2017-2021, in Million USD

2.2.2 Consumption

2.2.2.1 Asia-Pacific

Figure Asia-Pacific Market Volume and Growth Rate, 2017-2021, in Volume

Table Asia-Pacific Market Volume and Growth Rate by Region, 2017-2021, in Volume

Figure Asia-Pacific Market Amount and Growth Rate, 2017-2021, in Million USD

Table Asia-Pacific Market Amount and Growth Rate by Region, 2017-2021, in Million USD

2.2.2.2 North America

Figure North America Market Volume and Growth Rate, 2017-2021, in Volume

Table North America Market Volume and Growth Rate by Region, 2017-2021, in Volume

Figure North America Market Amount and Growth Rate, 2017-2021, in Million USD

Table North America Market Amount and Growth Rate by Region, 2017-2021, in Million USD

2.2.2.3 South America

Figure South America Market Volume and Growth Rate, 2017-2021, in Volume

Table South America Market Volume and Growth Rate by Region, 2017-2021, in Volume

Figure South America Market Amount and Growth Rate, 2017-2021, in Million USD

Table South America Market Amount and Growth Rate by Region, 2017-2021, in Million USD

2.2.2.4 Europe

Figure Europe Market Volume and Growth Rate, 2017-2021, in Volume

Table Europe Market Volume and Growth Rate by Region, 2017-2021, in Volume
Figure Europe Market Amount and Growth Rate, 2017-2021, in Million USD

Table Europe Market Amount and Growth Rate by Region, 2017-2021, in Million USD

2.2.2.5 Middle East & Africa

Figure Middle East & Africa Market Volume and Growth Rate, 2017-2021, in Volume

Table Middle East & Africa Market Volume and Growth Rate by Region, 2017-2021, in Volume

Figure Middle East & Africa Market Amount and Growth Rate, 2017-2021, in Million USD

Table Middle East & Africa Market Amount and Growth Rate by Region, 2017-2021, in Million USD

3 MAJOR MANUFACTURERS INTRODUCTION

3.1 Manufacturers Overview

Table Major Manufacturers Headquarters and Contact Information

Table Major Manufacturers Capacity List in 2021

3.2 Manufacturers List

3.2.1 3M Overview

Table 3M Overview List

3.2.1.1 Product Specifications

3.2.1.2 Business Data (Production Volume (Volume), Production Amount (Million USD), Price, Cost, Margin)

Table Color-Shifting Materials Business Operation of 3M (Production Volume (Volume), Production Amount (Million USD), Price, Cost, Gross Margin)

3.2.1.3 Recent Developments

3.2.1.4 Future Strategic Planning

3.2.2 Adidas Overview

Table Adidas Overview List

3.2.2.1 Product Specifications

3.2.2.2 Business Data (Production Volume (Volume), Production Amount (Million USD), Price, Cost, Margin)

Table Color-Shifting Materials Business Operation of Adidas (Production Volume (Volume), Production Amount (Million USD), Price, Cost, Gross Margin)

3.2.2.3 Recent Developments

3.2.2.4 Future Strategic Planning

3.2.3 Sun Chemica Overview

Table Sun Chemica Overview List

3.2.3.1 Product Specifications

3.2.3.2 Business Data (Production Volume (Volume), Production Amount (Million USD), Price, Cost, Margin)

Table Color-Shifting Materials Business Operation of Sun Chemica (Production Volume (Volume), Production Amount (Million USD), Price, Cost, Gross Margin)

3.2.3.3 Recent Developments

3.2.3.4 Future Strategic Planning

3.2.4 BASF Overview

Table BASF Overview List

3.2.4.1 Product Specifications

3.2.4.2 Business Data (Production Volume (Volume), Production Amount (Million USD), Price, Cost, Margin)

Table Color-Shifting Materials Business Operation of BASF (Production Volume (Volume), Production Amount (Million USD), Price, Cost, Gross Margin)

3.2.4.3 Recent Developments

3.2.4.4 Future Strategic Planning

3.2.5 Chromatic Technologies Overview

Table Chromatic Technologies Overview List

3.2.5.1 Product Specifications

3.2.5.2 Business Data (Production Volume (Volume), Production Amount (Million USD), Price, Cost, Margin)

Table Color-Shifting Materials Business Operation of Chromatic Technologies (Production Volume (Volume), Production Amount (Million USD), Price, Cost, Gross Margin)

3.2.5.3 Recent Developments

3.2.5.4 Future Strategic Planning

3.2.6 Johnson Controls Overview

Table Johnson Controls Overview List

3.2.6.1 Product Specifications

3.2.6.2 Business Data (Production Volume (Volume), Production Amount (Million USD), Price, Cost, Margin)

Table Color-Shifting Materials Business Operation of Johnson Controls (Production Volume (Volume), Production Amount (Million USD), Price, Cost, Gross Margin)

3.2.6.3 Recent Developments

3.2.6.4 Future Strategic Planning

3.2.7 Kodak Graphics Overview

Table Kodak Graphics Overview List

3.2.7.1 Product Specifications

3.2.7.2 Business Data (Production Volume (Volume), Production Amount (Million USD), Price, Cost, Margin)

Table Color-Shifting Materials Business Operation of Kodak Graphics (Production Volume (Volume), Production Amount (Million USD), Price, Cost, Gross Margin)

3.2.7.3 Recent Developments

3.2.7.4 Future Strategic Planning

3.2.8 Merck Overview

Table Merck Overview List

3.2.8.1 Product Specifications

3.2.8.2 Business Data (Production Volume (Volume), Production Amount (Million USD), Price, Cost, Margin)

Table Color-Shifting Materials Business Operation of Merck (Production Volume (Volume), Production Amount (Million USD), Price, Cost, Gross Margin)

3.2.8.3 Recent Developments

3.2.8.4 Future Strategic Planning

3.2.9 Olikrom Overview

Table Olikrom Overview List

3.2.9.1 Product Specifications

3.2.9.2 Business Data (Production Volume (Volume), Production Amount (Million USD), Price, Cost, Margin)

Table Color-Shifting Materials Business Operation of Olikrom (Production Volume (Volume), Production Amount (Million USD), Price, Cost, Gross Margin)

3.2.9.3 Recent Developments

3.2.9.4 Future Strategic Planning

3.2.10 PPG Overview

Table PPG Overview List

3.2.10.1 Product Specifications

3.2.10.2 Business Data (Production Volume (Volume), Production Amount (Million USD), Price, Cost, Margin)

Table Color-Shifting Materials Business Operation of PPG (Production Volume (Volume), Production Amount (Million USD), Price, Cost, Gross Margin)

3.2.10.3 Recent Developments

3.2.10.4 Future Strategic Planning

3.2.11 Schreiner Group Overview

Table Schreiner Group Overview List

3.2.11.1 Product Specifications

3.2.11.2 Business Data (Production Volume (Volume), Production Amount (Million USD), Price, Cost, Margin)

Table Color-Shifting Materials Business Operation of Schreiner Group (Production Volume (Volume), Production Amount (Million USD), Price, Cost, Gross Margin)

3.2.11.3 Recent Developments

3.2.11.4 Future Strategic Planning

3.2.12 Sellerink Overview

Table Sellerink Overview List

3.2.12.1 Product Specifications

3.2.12.2 Business Data (Production Volume (Volume), Production Amount (Million USD), Price, Cost, Margin)

Table Color-Shifting Materials Business Operation of Sellerink (Production Volume (Volume), Production Amount (Million USD), Price, Cost, Gross Margin)

3.2.12.3 Recent Developments

3.2.12.4 Future Strategic Planning

3.2.13 DuPont Overview

Table DuPont Overview List

3.2.13.1 Product Specifications

3.2.13.2 Business Data (Production Volume (Volume), Production Amount (Million USD), Price, Cost, Margin)

Table Color-Shifting Materials Business Operation of DuPont (Production Volume (Volume), Production Amount (Million USD), Price, Cost, Gross Margin)

3.2.13.3 Recent Developments

3.2.13.4 Future Strategic Planning

3.2.14 E Ink Overview

Table E Ink Overview List

3.2.14.1 Product Specifications

3.2.14.2 Business Data (Production Volume (Volume), Production Amount (Million USD), Price, Cost, Margin)

Table Color-Shifting Materials Business Operation of E Ink (Production Volume (Volume), Production Amount (Million USD), Price, Cost, Gross Margin)

3.2.14.3 Recent Developments

3.2.14.4 Future Strategic Planning

3.2.15 JDS Uniphase Overview

Table JDS Uniphase Overview List

3.2.15.1 Product Specifications

3.2.15.2 Business Data (Production Volume (Volume), Production Amount (Million USD), Price, Cost, Margin)

Table Color-Shifting Materials Business Operation of JDS Uniphase (Production Volume (Volume), Production Amount (Million USD), Price, Cost, Gross Margin)

3.2.15.3 Recent Developments

3.2.15.4 Future Strategic Planning

3.2.16 SICPA Overview

Table SICPA Overview List

3.2.16.1 Product Specifications

3.2.16.2 Business Data (Production Volume (Volume), Production Amount (Million USD), Price, Cost, Margin)

Table Color-Shifting Materials Business Operation of SICPA (Production Volume (Volume), Production Amount (Million USD), Price, Cost, Gross Margin)

3.2.16.3 Recent Developments

3.2.16.4 Future Strategic Planning

3.2.17 Valspar Overview

Table Valspar Overview List

3.2.17.1 Product Specifications

3.2.17.2 Business Data (Production Volume (Volume), Production Amount (Million USD), Price, Cost, Margin)

Table Color-Shifting Materials Business Operation of Valspar (Production Volume (Volume), Production Amount (Million USD), Price, Cost, Gross Margin)

3.2.17.3 Recent Developments

3.2.17.4 Future Strategic Planning

3.2.18 Alcoa Architectural Products Overview

Table Alcoa Architectural Products Overview List

3.2.18.1 Product Specifications

3.2.18.2 Business Data (Production Volume (Volume), Production Amount (Million USD), Price, Cost, Margin)

Table Color-Shifting Materials Business Operation of Alcoa Architectural Products (Production Volume (Volume), Production Amount (Million USD), Price, Cost, Gross Margin)

3.2.18.3 Recent Developments

3.2.18.4 Future Strategic Planning

4 MARKET COMPETITION PATTERN

4.1 Market Size and Sketch

Figure Global Market Size and Growth Rate, 2017-2021, in Volume

Figure Global Market Size and Growth Rate, 2017-2021, in Million USD

Figure Global Competition Sketch Overview

4.2 Company Market Share

4.2.1 Global Production by Major Manufacturers

Table Global Production Volume List by Manufacturers, 2017-2021, in Volume

Table Global Production Volume Share List by Manufacturers, 2017-2021, in Volume

Figure Global Production Volume Share by Manufacturers in 2021, in Volume

Table Global Production Amount List by Manufacturers, 2017-2021, in Million USD

Table Global Production Amount Share List by Manufacturers, 2017-2021, in Million USD

Figure Global Production Amount Share by Manufacturers in 2021, in Million USD

4.2.2 Market Concentration Analysis

4.3 Market News and Trend

4.3.1 Merger & Acquisition

4.3.2 New Product Launch

5 PRODUCT TYPE SEGMENT

5.1 Global Overview by Product Type Segment

Table Global Market Status and Growth Rate by Product Type Segment, 2017-2021, in Million USD

Table Global Market Status and Growth Rate by Product Type Segment 2017-2021, in Volume

5.2 Segment Subdivision by Product Type

5.2.1 Market in Thermochromism Materials

5.2.1.1 Market Size

Figure Global Market Amount and Growth Rate in Thermochromism Materials, 2017-2021, in USD Million

Figure Global Market Amount and Growth Rate in Thermochromism Materials, 2017-2021, in Volume

5.2.1.2 Situation & Development

5.2.2 Market in Photochromism Materials

5.2.2.1 Market Size

Figure Global Market Amount and Growth Rate in Photochromism Materials, 2017-2021, in USD Million

Figure Global Market Amount and Growth Rate in Photochromism Materials, 2017-2021, in Volume

5.2.2.2 Situation & Development

5.2.3 Market in Electrochromism Materials

5.2.3.1 Market Size

Figure Global Market Amount and Growth Rate in Electrochromism Materials, 2017-2021, in USD Million

Figure Global Market Amount and Growth Rate in Electrochromism Materials, 2017-2021, in Volume

5.2.3.2 Situation & Development

5.2.4 Market in Solvatochromism Materials

5.2.4.1 Market Size

Figure Global Market Amount and Growth Rate in Solvatochromism Materials, 2017-2021, in USD Million

Figure Global Market Amount and Growth Rate in Solvatochromism Materials, 2017-2021, in Volume

5.2.4.2 Situation & Development

5.2.5 Market in Cathodchromism Materials

5.2.5.1 Market Size

Figure Global Market Amount and Growth Rate in Cathodchromism Materials, 2017-2021, in USD Million

Figure Global Market Amount and Growth Rate in Cathodchromism Materials, 2017-2021, in Volume

5.2.5.2 Situation & Development

5.2.6 Market in Others

5.2.6.1 Market Size

Figure Global Market Amount and Growth Rate in Others, 2017-2021, in USD Million

Figure Global Market Amount and Growth Rate in Others, 2017-2021, in Volume

5.2.6.2 Situation & Development

6 END-USE SEGMENT

6.1 Global Overview by End-Use Segment

Table Global Market Status and Growth Rate by End-Use Segment, 2017-2021, in Million USD

Table Global Market Status and Growth Rate by End-Use Segment 2017-2021, in Volume

6.2 Segment Subdivision

6.2.1 Market in Automotive Surfaces

6.2.1.1 Market Size

Figure Global Market Amount and Growth Rate in Automotive Surfaces, 2017-2021, in USD Million

Figure Global Market Amount and Growth Rate in Automotive Surfaces, 2017-2021, in Volume

6.2.1.2 Situation & Development

6.2.2 Market in Construction (Walls and Windows)

6.2.2.1 Market Size

Figure Global Market Amount and Growth Rate in Construction (Walls and Windows), 2017-2021, in USD Million

Figure Global Market Amount and Growth Rate in Construction (Walls and Windows), 2017-2021, in Volume

6.2.2.2 Situation & Development

6.2.3 Market in Clothing and Textiles

6.2.3.1 Market Size

Figure Global Market Amount and Growth Rate in Clothing and Textiles, 2017-2021, in USD Million

Figure Global Market Amount and Growth Rate in Clothing and Textiles, 2017-2021, in Volume

6.2.3.2 Situation & Development

6.2.4 Market in Brand Protection

6.2.4.1 Market Size

Figure Global Market Amount and Growth Rate in Brand Protection, 2017-2021, in USD Million

Figure Global Market Amount and Growth Rate in Brand Protection, 2017-2021, in Volume

6.2.4.2 Situation & Development

6.2.5 Market in Sensors

6.2.5.1 Market Size

Figure Global Market Amount and Growth Rate in Sensors, 2017-2021, in USD Million

Figure Global Market Amount and Growth Rate in Sensors, 2017-2021, in Volume

6.2.5.2 Situation & Development

7 MARKET FORECAST & TREND

7.1 Regional Forecast

Table Global Market Forecast by Region Segment 2022-2027, in Million USD

Table Global Market Forecast by Region Segment 2022-2027, in Volume

7.2 Consumption Forecast

7.2.1 Product Type Forecast

Table Global Market Amount by Product Type Segment 2022-2027, in Million USD

Table Global Market Volume by Product Type Segment 2022-2027, in Volume

7.2.2 End-Use Forecast

Table Global Market Amount by End-Use Segment 2022-2027, in Million USD

Table Global Market Volume by End-Use Segment 2022-2027, in Volume

7.3 Investment Trend

7.4 Consumption Trend

8 PRICE & CHANNEL

8.1 Price and Cost

8.1.1 Price

8.1.2 Cost

Figure Cost Component Ratio

8.2 Channel Segment

9 MARKET DRIVERS & INVESTMENT ENVIRONMENT

9.1 Market Drivers

9.2 Investment Environment

9.3 Impact of Coronavirus on the Color-Shifting Materials Industry

9.3.1 Impact on Industry Upstream

9.3.2 Impact on Industry Downstream

9.3.3 Impact on Industry Channels

9.3.4 Impact on Industry Competition

9.3.5 Impact on Industry Employment

10 RESEARCH CONCLUSION

List Of Tables

LIST OF TABLES

Table Global Market Size and Forecast by Geography with Growth Rate, 2017-2027

Table Global Market Size and Forecast by Type with Growth Rate, 2017-2027

Table Global Market Size and Forecast by End-Use with Growth Rate, 2017-2027

Table Global Production Volume Status and Growth Rate by Geography, 2017-2021, in Volume

Table Global Production Amount Status and Growth Rate by Geography, 2017-2021, in Million USD

Table Global Market Volume and Growth Rate by Geography, 2017-2021, in Volume

Table Global Market Amount and Growth Rate by Geography, 2017-2021, in Million USD

Table Asia-Pacific Production Volume Status and Growth Rate by Region, 2017-2021, in Volume

Table Asia-Pacific Production Amount Status and Growth Rate by Region, 2017-2021, in Million USD

Table North America Production Volume Status and Growth Rate by Region, 2017-2021, in Volume

Table North America Production Amount Status and Growth Rate by Region, 2017-2021, in Million USD

Table South America Production Volume Status and Growth Rate by Region, 2017-2021, in Volume

Table South America Production Amount Status and Growth Rate by Region, 2017-2021, in Million USD

Table Europe Production Volume Status and Growth Rate by Region, 2017-2021, in Volume

Table Europe Production Amount Status and Growth Rate by Region, 2017-2021, in Million USD

Table Middle East & Africa Production Volume Status and Growth Rate by Region, 2017-2021, in Volume

Table Middle East & Africa Production Amount Status and Growth Rate by Region, 2017-2021, in Million USD

Table Asia-Pacific Market Volume and Growth Rate by Region, 2017-2021, in Volume

Table Asia-Pacific Market Amount and Growth Rate by Region, 2017-2021, in Million USD

Table North America Market Volume and Growth Rate by Region, 2017-2021, in Volume

Table North America Market Amount and Growth Rate by Region, 2017-2021, in Million USD

USD

Table South America Market Volume and Growth Rate by Region, 2017-2021, in Volume

Table South America Market Amount and Growth Rate by Region, 2017-2021, in Million USD

Table Europe Market Volume and Growth Rate by Region, 2017-2021, in Volume

Table Europe Market Amount and Growth Rate by Region, 2017-2021, in Million USD

Table Middle East & Africa Market Volume and Growth Rate by Region, 2017-2021, in Volume

Table Middle East & Africa Market Amount and Growth Rate by Region, 2017-2021, in Million USD

Table Major Manufacturers Headquarters and Contact Information

Table Major Manufacturers Capacity List in 2021

Table 3M Overview List

Table Color-Shifting Materials Business Operation of 3M (Production Volume (Volume), Production Amount (Million USD), Price, Cost, Gross Margin)

Table Adidas Overview List

Table Color-Shifting Materials Business Operation of Adidas (Production Volume (Volume), Production Amount (Million USD), Price, Cost, Gross Margin)

Table Sun Chemica Overview List

Table Color-Shifting Materials Business Operation of Sun Chemica (Production Volume (Volume), Production Amount (Million USD), Price, Cost, Gross Margin)

Table BASF Overview List

Table Color-Shifting Materials Business Operation of BASF (Production Volume (Volume), Production Amount (Million USD), Price, Cost, Gross Margin)

Table Chromatic Technologies Overview List

Table Color-Shifting Materials Business Operation of Chromatic Technologies (Production Volume (Volume), Production Amount (Million USD), Price, Cost, Gross Margin)

Table Johnson Controls Overview List

Table Color-Shifting Materials Business Operation of Johnson Controls (Production Volume (Volume), Production Amount (Million USD), Price, Cost, Gross Margin)

Table Kodak Graphics Overview List

Table Color-Shifting Materials Business Operation of Kodak Graphics (Production Volume (Volume), Production Amount (Million USD), Price, Cost, Gross Margin)

Table Merck Overview List

Table Color-Shifting Materials Business Operation of Merck (Production Volume (Volume), Production Amount (Million USD), Price, Cost, Gross Margin)

Table Olikrom Overview List

Table Color-Shifting Materials Business Operation of Olikrom (Production Volume (Volume), Production Amount (Million USD), Price, Cost, Gross Margin)

Table PPG Overview List

Table Color-Shifting Materials Business Operation of PPG (Production Volume (Volume), Production Amount (Million USD), Price, Cost, Gross Margin)

Table Schreiner Group Overview List

Table Color-Shifting Materials Business Operation of Schreiner Group (Production Volume (Volume), Production Amount (Million USD), Price, Cost, Gross Margin)

Table Sellerink Overview List

Table Color-Shifting Materials Business Operation of Sellerink (Production Volume (Volume), Production Amount (Million USD), Price, Cost, Gross Margin)

Table DuPont Overview List

Table Color-Shifting Materials Business Operation of DuPont (Production Volume (Volume), Production Amount (Million USD), Price, Cost, Gross Margin)

Table E Ink Overview List

Table Color-Shifting Materials Business Operation of E Ink (Production Volume (Volume), Production Amount (Million USD), Price, Cost, Gross Margin)

Table JDS Uniphase Overview List

Table Color-Shifting Materials Business Operation of JDS Uniphase (Production Volume (Volume), Production Amount (Million USD), Price, Cost, Gross Margin)

Table SICPA Overview List

Table Color-Shifting Materials Business Operation of SICPA (Production Volume (Volume), Production Amount (Million USD), Price, Cost, Gross Margin)

Table Valspar Overview List

Table Color-Shifting Materials Business Operation of Valspar (Production Volume (Volume), Production Amount (Million USD), Price, Cost, Gross Margin)

Table Alcoa Architectural Products Overview List

Table Color-Shifting Materials Business Operation of Alcoa Architectural Products (Production Volume (Volume), Production Amount (Million USD), Price, Cost, Gross Margin)

Table Global Production Volume List by Manufacturers, 2017-2021, in Volume

Table Global Production Volume Share List by Manufacturers, 2017-2021, in Volume

Table Global Production Amount List by Manufacturers, 2017-2021, in Million USD

Table Global Production Amount Share List by Manufacturers, 2017-2021, in Million USD

Table Global Market Status and Growth Rate by Product Type Segment, 2017-2021, in Million USD

Table Global Market Status and Growth Rate by Product Type Segment 2017-2021, in Volume

Table Global Market Status and Growth Rate by End-Use Segment, 2017-2021, in Million USD

Table Global Market Status and Growth Rate by End-Use Segment 2017-2021, in Volume

Table Global Market Forecast by Region Segment 2022-2027, in Million USD

Table Global Market Forecast by Region Segment 2022-2027, in Volume

Table Global Market Amount by Product Type Segment 2022-2027, in Million USD

Table Global Market Volume by Product Type Segment 2022-2027, in Volume

Table Global Market Amount by End-Use Segment 2022-2027, in Million USD

Table Global Market Volume by End-Use Segment 2022-2027, in Volume

List Of Figures

LIST OF FIGURES

Figure Color-Shifting Materials Picture List

Figure Global Market Size and Forecast with Growth Rate, 2017-2027

Figure Global Production Volume Status and Growth Rate, 2017-2021, in Volume

Figure Global Production Amount Status and Growth Rate, 2017-2021, in Million USD

Figure Global Market Volume and Growth Rate, 2017-2021, in Volume

Figure Global Market Amount and Growth Rate, 2017-2021, in Million USD

Figure Asia-Pacific Production Volume Status and Growth Rate, 2017-2021, in Volume

Figure Asia-Pacific Production Amount Status and Growth Rate, 2017-2021, in Million USD

Figure North America Production Volume Status and Growth Rate, 2017-2021, in Volume

Figure North America Production Amount Status and Growth Rate, 2017-2021, in Million USD

Figure South America Production Volume Status and Growth Rate, 2017-2021, in Volume

Figure South America Production Amount Status and Growth Rate, 2017-2021, in Million USD

Figure Europe Production Volume Status and Growth Rate, 2017-2021, in Volume

Figure Europe Production Amount Status and Growth Rate, 2017-2021, in Million USD

Figure Middle East & Africa Production Volume Status and Growth Rate, 2017-2021, in Volume

Figure Middle East & Africa Production Amount Status and Growth Rate, 2017-2021, in Million USD

Figure Asia-Pacific Market Volume and Growth Rate, 2017-2021, in Volume

Figure Asia-Pacific Market Amount and Growth Rate, 2017-2021, in Million USD

Figure North America Market Volume and Growth Rate, 2017-2021, in Volume

Figure North America Market Amount and Growth Rate, 2017-2021, in Million USD

Figure South America Market Volume and Growth Rate, 2017-2021, in Volume

Figure South America Market Amount and Growth Rate, 2017-2021, in Million USD

Figure Europe Market Volume and Growth Rate, 2017-2021, in Volume

Figure Europe Market Amount and Growth Rate, 2017-2021, in Million USD

Figure Middle East & Africa Market Volume and Growth Rate, 2017-2021, in Volume

Figure Middle East & Africa Market Amount and Growth Rate, 2017-2021, in Million USD

Figure Global Market Size and Growth Rate, 2017-2021, in Volume

Figure Global Market Size and Growth Rate, 2017-2021, in Million USD

Figure Global Competition Sketch Overview

Figure Global Production Volume Share by Manufacturers in 2021, in Volume

Figure Global Production Amount Share by Manufacturers in 2021, in Million USD

Figure Global Market Amount and Growth Rate in Thermochromism Materials, 2017-2021, in USD Million

Figure Global Market Amount and Growth Rate in Thermochromism Materials, 2017-2021, in Volume

Figure Global Market Amount and Growth Rate in Photochromism Materials, 2017-2021, in USD Million

Figure Global Market Amount and Growth Rate in Photochromism Materials, 2017-2021, in Volume

Figure Global Market Amount and Growth Rate in Electrochromism Materials, 2017-2021, in USD Million

Figure Global Market Amount and Growth Rate in Electrochromism Materials, 2017-2021, in Volume

Figure Global Market Amount and Growth Rate in Solvatochromism Materials, 2017-2021, in USD Million

Figure Global Market Amount and Growth Rate in Solvatochromism Materials, 2017-2021, in Volume

Figure Global Market Amount and Growth Rate in Cathodchromism Materials, 2017-2021, in USD Million

Figure Global Market Amount and Growth Rate in Cathodchromism Materials, 2017-2021, in Volume

Figure Global Market Amount and Growth Rate in Others, 2017-2021, in USD Million

Figure Global Market Amount and Growth Rate in Others, 2017-2021, in Volume

Figure Global Market Amount and Growth Rate in Automotive Surfaces, 2017-2021, in USD Million

Figure Global Market Amount and Growth Rate in Automotive Surfaces, 2017-2021, in Volume

Figure Global Market Amount and Growth Rate in Construction (Walls and Windows), 2017-2021, in USD Million

Figure Global Market Amount and Growth Rate in Construction (Walls and Windows), 2017-2021, in Volume

Figure Global Market Amount and Growth Rate in Clothing and Textiles, 2017-2021, in USD Million

Figure Global Market Amount and Growth Rate in Clothing and Textiles, 2017-2021, in Volume

Figure Global Market Amount and Growth Rate in Brand Protection, 2017-2021, in USD Million

Figure Global Market Amount and Growth Rate in Brand Protection, 2017-2021, in Volume

Figure Global Market Amount and Growth Rate in Sensors, 2017-2021, in USD Million

Figure Global Market Amount and Growth Rate in Sensors, 2017-2021, in Volume

Figure Cost Component Ratio

I would like to order

Product name: Color-Shifting Materials Market Research: Global Status & Forecast by Geography, Type & Application (2017-2027)

Product link: <https://marketpublishers.com/r/C8DA200FED6EN.html>

Price: US\$ 2,280.00 (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/C8DA200FED6EN.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

