

Global (North America, Europe, Asia-Pacific, South America, Middle East and Africa) Electrochromic Materials Market 2018, Forecast to 2023

<https://marketpublishers.com/r/G056471EE08EN.html>

Date: August 2018

Pages: 146

Price: US\$ 4,880.00 (Single User License)

ID: G056471EE08EN

Abstracts

This report studies the Electrochromic Materials market, Electrochromic materials have the property of a change, evocation, or bleaching of color as effected either by an electron-transfer (redox) process or by a sufficient electrochemical potential. The main classes of electrochromic materials are surveyed here, with descriptions of representative examples from the metal oxides, viologens (in solution and as adsorbed or polymeric films), conjugated conducting polymers, metal coordination complexes (as polymeric, evaporated, or sublimed films), and metal hexacyanometallates. Examples of the applications of such electrochromic materials are included. Other materials aspects important for the construction of electrochromic devices include optically transparent electrodes, electrolyte layers, and device encapsulation. Commercial successes, current trends, and future challenges in electrochromic materials research and development are summarized.

SCOPE OF THE REPORT:

This report focuses on the Electrochromic Materials in global market, especially in North America, Europe and Asia-Pacific, South America, Middle East and Africa. This report categorizes the market based on manufacturers, regions, type and application. Electrochromic Materials can be used in Automobile Rearview Mirror, Smart Window, Display, Defense and Others, Automobile Rearview Mirror is the largest consumer of Electrochromic Materials in nowadays. Consumption volume from Automobile Rearview Mirror industry reached to 11597.5 K sq.ft in 2017, contributing 59.18% market share. North America has become the largest manufacturer and consumer of Electrochromic Materials. In 2017, North America produces 18738.9 K sq.ft Electrochromic Materials. The follower is Europe, whose production volume was 297.5 K sq.ft. Since

Electrochromic Materials are mainly used in Automobile Rearview Mirror industry, the targeted clients of Electrochromic Materials industry distributes in countries, where Automobile Rearview Mirror industry is promising. Price of Electrochromic Materials is influenced by raw materials deeply. Then price fell down slowly from 2013 to 2017, keeping consistent with raw materials' price fluctuations. Electrochromic Materials manufacturers should pay close attention to the Electrochromic Materials raw material market.

The worldwide market for Electrochromic Materials is expected to grow at a CAGR of roughly 7.2% over the next five years, will reach 2300 million US\$ in 2023, from 1520 million US\$ in 2017, according to a new GIR (Global Info Research) study.

Market Segment by Manufacturers, this report covers

Gentex Corporation

Saint-Gobain (Sage Glass)

View

ChromoGenics

EControl-Glas

PPG Industries

Gesimat

Ricoh

GSI Technologies (NTERA)

Zhuzhou Kibing

Ningbo Miro Electronic Technology

Zhuhai Kaivo Optoelectronic Technology

Changzhou Yapu Smart Variable Color Optics

Asahi Glass Co

Hitachi Chemical

Nikon Corp

Market Segment by Regions, regional analysis covers

North America (United States, Canada and Mexico)

Europe (Germany, France, UK, Russia and Italy)

Asia-Pacific (China, Japan, Korea, India and Southeast Asia)

South America (Brazil, Argentina, Colombia etc.)

Middle East and Africa (Saudi Arabia, UAE, Egypt, Nigeria and South Africa)

Market Segment by Type, covers

Organic Dyes

Conducting Polymers

Metal Oxides

Market Segment by Applications, can be divided into

Automobile Rearview Mirror

Smart Window

Display

Defense

Others

There are 15 Chapters to deeply display the global Electrochromic Materials market.

Chapter 1, to describe Electrochromic Materials Introduction, product scope, market overview, market opportunities, market risk, market driving force;

Chapter 2, to analyze the top manufacturers of Electrochromic Materials, with sales, revenue, and price of Electrochromic Materials, in 2016 and 2017;

Chapter 3, to display the competitive situation among the top manufacturers, with sales, revenue and market share in 2016 and 2017;

Chapter 4, to show the global market by regions, with sales, revenue and market share of Electrochromic Materials, for each region, from 2013 to 2018;

Chapter 5, 6, 7, 8 and 9, to analyze the market by countries, by type, by application and by manufacturers, with sales, revenue and market share by key countries in these regions;

Chapter 10 and 11, to show the market by type and application, with sales market share and growth rate by type, application, from 2013 to 2018;

Chapter 12, Electrochromic Materials market forecast, by regions, type and application, with sales and revenue, from 2018 to 2023;

Chapter 13, 14 and 15, to describe Electrochromic Materials sales channel, distributors, traders, dealers, Research Findings and Conclusion, appendix and data source

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