

## Global Thermochromic Materials Market 2022-2028

https://marketpublishers.com/r/G99883327EC3EN.html

Date: May 2022

Pages: 80

Price: US\$ 2,600.00 (Single User License)

ID: G99883327EC3EN

## **Abstracts**

Thermochromic materials are generally organic leuco-dye mixtures, composed by the color former, the color developer, and the solvent. They are mainly used as temperature indicators in many industrial sectors, to determine the temperature variation and reaction heat in chemical reactions, to measure temperature distribution of chemical heating apparatus such as heat exchangers and reactors, and to indicate the temperature variation in containers for chemicals and dangerous goods and storage vaults. In 2021, the global thermochromic materials market stood at USD 1,581 million. Recording a CAGR of 9.4% from 2022 to 2028, the worth is projected to reach ~USD 2,965 million by 2028, according to a new report by Gen Consulting Company.

The report provides in-depth analysis and insights regarding the current global market scenario, latest trends and drivers into global thermochromic materials market. It offers an exclusive insight into various details such as market size, key trends, competitive landscape, growth rate and market segments. This study also provides an analysis of the impact of the COVID-19 crisis on the thermochromic materials industry.

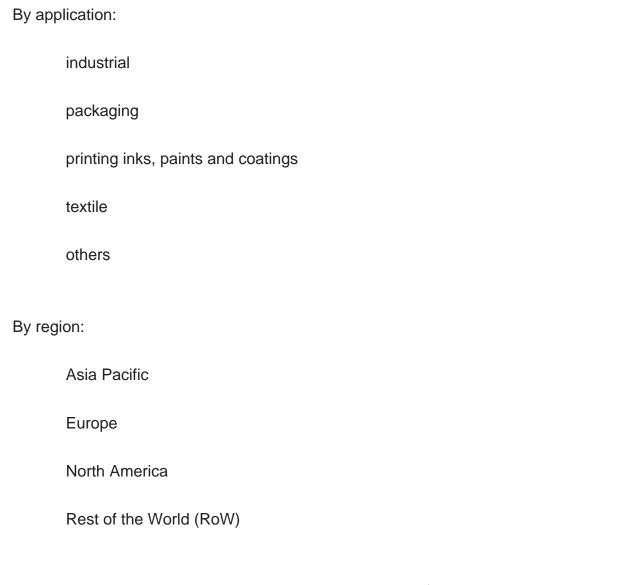
This industry report offers market estimates and forecasts of the global market, followed by a detailed analysis of the form, system, source, application, and region. The global market for thermochromic materials can be segmented by form: thermochromic liquid crystal (TLC), thermochromic powder, thermochromic slurry, others. Globally, the thermochromic slurry segment made up the largest share of the thermochromic materials market. Thermochromic materials market is further segmented by system: macromolecular systems, molecular rearrangement, stereoisomerism, supramolecular systems, others. The molecular rearrangement segment captured the largest share of the market in 2021. Based on source, the thermochromic materials market is segmented into: inorganic thermochromic material, organic thermochromic material, others. According to the research, the inorganic thermochromic material segment had the largest share in the global thermochromic materials market. On the basis of



application, the thermochromic materials market also can be divided into: industrial, packaging, printing inks, paints and coatings, textile, others. The textile segment held the largest revenue share in 2021. Thermochromic materials market by region is categorized into: Asia Pacific, Europe, North America, Rest of the World (RoW).

# By form: thermochromic liquid crystal (TLC) thermochromic powder thermochromic slurry others By system: macromolecular systems molecular rearrangement stereoisomerism supramolecular systems others By source: inorganic thermochromic material organic thermochromic material others





In addition, the thermochromic materials market has been further segmented by major countries from each region. These include USA, Canada, Mexico, Germany, France, United Kingdom, Italy, Spain, China, Japan, India, South Korea, Brazil.

The report also provides a detailed analysis of several leading thermochromic materials market vendors that include Chromatic Technologies Inc. (CTI), GEM'INNOV, Hali Industrial Co., Ltd., Kolorjet Chemicals Pvt Ltd., Kolortek Co., Ltd., Matsui International Co., Inc., New Color Chemical Co., Ltd., Olikrom Company, QCR Solutions Corp, Smarol Industry Co., Ltd., among others.

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Historical & Forecast Period

This research report provides analysis for each segment from 2018 to 2028 considering



2021 to be the base year.

### Scope of the Report

To analyze and forecast the market size of the global thermochromic materials market.

To classify and forecast the global thermochromic materials market based on form, system, source, application, region.

To identify drivers and challenges for the global thermochromic materials market.

To examine competitive developments such as mergers & acquisitions, agreements, collaborations and partnerships, etc., in the global thermochromic materials market.

To identify and analyze the profile of leading players operating in the global thermochromic materials market.

## Why Choose This Report

Gain a reliable outlook of the global thermochromic materials market forecasts from 2022 to 2028 across scenarios.

Identify growth segments for investment.

Stay ahead of competitors through company profiles and market data.

The market estimate for ease of analysis across scenarios in Excel format.

Strategy consulting and research support for three months.

Print authentication provided for the single-user license.



## **Contents**

#### **PART 1. INTRODUCTION**

Report description
Objectives of the study
Market segment
Years considered for the report
Currency
Key target audience

#### **PART 2. METHODOLOGY**

#### **PART 3. EXECUTIVE SUMMARY**

#### **PART 4. MARKET OVERVIEW**

Introduction
Drivers
Restraints
Impact of COVID-19 pandemic

#### PART 5. MARKET BREAKDOWN BY FORM

Thermochromic liquid crystal (TLC)
Thermochromic powder
Thermochromic slurry
Others

#### PART 6. MARKET BREAKDOWN BY SYSTEM

Macromolecular systems Molecular rearrangement Stereoisomerism Supramolecular systems Others

#### PART 7. MARKET BREAKDOWN BY SOURCE



Inorganic thermochromic material Organic thermochromic material Others

#### PART 8. MARKET BREAKDOWN BY APPLICATION

Industrial

Packaging

Printing inks, paints and coatings

**Textile** 

Others

#### PART 9. MARKET BREAKDOWN BY REGION

Asia Pacific

Europe

North America

Rest of the World (RoW)

## **PART 10. KEY COMPANIES**

Chromatic Technologies Inc. (CTI)

**GEM'INNOV** 

Hali Industrial Co., Ltd.

Kolorjet Chemicals Pvt Ltd.

Kolortek Co., Ltd.

Matsui International Co., Inc.

New Color Chemical Co., Ltd.

Olikrom Company

QCR Solutions Corp

Smarol Industry Co., Ltd.

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