

Global Advanced Phase Change Materials (PCM) Market Status, Trends and COVID-19 Impact Report 2022

<https://marketpublishers.com/r/G893931CA945EN.html>

Date: February 2023

Pages: 123

Price: US\$ 2,350.00 (Single User License)

ID: G893931CA945EN

Abstracts

In the past few years, the Advanced Phase Change Materials (PCM) market experienced a huge change under the influence of COVID-19 and Russia-Ukraine War, the global market size of Advanced Phase Change Materials (PCM) reached 860.0 million \$ in 2022 from 500.0 in 2017 with a CAGR of 0.114565739965 from 2017-2022. Facing the complicated international situation, the future of the Advanced Phase Change Materials (PCM) market is full of uncertain. BisReport predicts that the global Advanced Phase Change Materials (PCM) market size will reach 1660.0 million \$ in 2028 with a CAGR of xx% from 2022-2028.

Since the outbreak of COVID-19, the world economy continues to suffer from a series of destabilizing shocks, many companies experienced bankruptcy and a sharp decline in turnover. After more than two years of pandemic, global economy began to recover, entering 2022, the Russian Federation's invasion of Ukraine and its global effects on commodity markets, supply chains, inflation, and financial conditions have steepened the slowdown in global growth. In particular, the war in Ukraine is leading to soaring prices and volatility in energy markets, with improvements in activity in energy exporters more than offset by headwinds to activity in most other economies. The invasion of Ukraine has also led to a significant increase in agricultural commodity prices, which is exacerbating food insecurity and extreme poverty in many emerging market and developing economies.

Numerous risks could further derail what is now a precarious recovery. Among them is, in particular, the possibility of stubbornly high global inflation accompanied by tepid growth, reminiscent of the stagflation of the 1970s. This could eventually result in a sharp tightening of monetary policy in advanced economies to rein in inflation, lead to

surging borrowing costs, and possibly culminate in financial stress in some emerging market and developing economies. A forceful and wide-ranging policy response is required by policy makers in these economies and the global community to boost growth, bolster macroeconomic frameworks, reduce financial vulnerabilities, provide support to vulnerable population groups, and attenuate the long-term impacts of the global shocks of recent years.

In this complex international situation, BisReport published Global Advanced Phase Change Materials (PCM) Market Status, Trends and COVID-19 Impact Report 2022, which provides a comprehensive analysis of the global Advanced Phase Change Materials (PCM) market. This Report covers the manufacturer data, including: sales volume, price, revenue, gross margin, business distribution etc., these data help the consumer know about the competitors better. This report also covers all the regions and countries of the world, which shows the regional development status, including market size, volume and value, as well as price data. Besides, the report also covers segment data, including: type segment, application segment, channel segment etc. historic data period is from 2017-2022, the forecast data from 2023-2028.

Section 1: 100 USD——Market Overview

Section (2 3): 1200 USD——Manufacturer Detail

BASF

Honeywell

Cryopak

Entropy Solutions Inc.

Climator Sweden AB

Phase Change Energy Solutions

Outlast Technologies

Dow Building Solutions

Chemours Company

PCM Energy Ltd

Rubitherm Technologies GmbH

Section 4: 900 USD——Region Segment

North America (United States, Canada, Mexico)

South America (Brazil, Argentina, Other)

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

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

Middle East and Africa (Middle East, South Africa, Egypt)

Section (5 6 7): 700 USD——

Product Type Segment

Organic

Inorganic

Bio-based

Application Segment

Building & Construction

Refrigeration

Consumer goods

Channel Segment (Direct Sales, Distribution Channel)

Section 8: 500 USD——Market Forecast (2023-2028)

Section 9: 600 USD——Downstream Customers

Section 10: 200 USD——Raw Material and Manufacturing Cost

Section 11: 500 USD——Conclusion

Section 12: Research Method and Data Source

Contents

SECTION 1 ADVANCED PHASE CHANGE MATERIALS (PCM) MARKET OVERVIEW

- 1.1 Advanced Phase Change Materials (PCM) Market Scope
- 1.2 COVID-19 Impact on Advanced Phase Change Materials (PCM) Market
- 1.3 Global Advanced Phase Change Materials (PCM) Market Status and Forecast Overview
 - 1.3.1 Global Advanced Phase Change Materials (PCM) Market Status 2017-2022
 - 1.3.2 Global Advanced Phase Change Materials (PCM) Market Forecast 2023-2028
- 1.4 Global Advanced Phase Change Materials (PCM) Market Overview by Region
- 1.5 Global Advanced Phase Change Materials (PCM) Market Overview by Type
- 1.6 Global Advanced Phase Change Materials (PCM) Market Overview by Application

SECTION 2 GLOBAL ADVANCED PHASE CHANGE MATERIALS (PCM) MARKET MANUFACTURER SHARE

- 2.1 Global Manufacturer Advanced Phase Change Materials (PCM) Sales Volume
- 2.2 Global Manufacturer Advanced Phase Change Materials (PCM) Business Revenue
- 2.3 Global Manufacturer Advanced Phase Change Materials (PCM) Price

SECTION 3 MANUFACTURER ADVANCED PHASE CHANGE MATERIALS (PCM) BUSINESS INTRODUCTION

- 3.1 BASF Advanced Phase Change Materials (PCM) Business Introduction
 - 3.1.1 BASF Advanced Phase Change Materials (PCM) Sales Volume, Price, Revenue and Gross margin 2017-2022
 - 3.1.2 BASF Advanced Phase Change Materials (PCM) Business Distribution by Region
 - 3.1.3 BASF Interview Record
 - 3.1.4 BASF Advanced Phase Change Materials (PCM) Business Profile
 - 3.1.5 BASF Advanced Phase Change Materials (PCM) Product Specification
- 3.2 Honeywell Advanced Phase Change Materials (PCM) Business Introduction
 - 3.2.1 Honeywell Advanced Phase Change Materials (PCM) Sales Volume, Price, Revenue and Gross margin 2017-2022
 - 3.2.2 Honeywell Advanced Phase Change Materials (PCM) Business Distribution by Region
 - 3.2.3 Interview Record

- 3.2.4 Honeywell Advanced Phase Change Materials (PCM) Business Overview
- 3.2.5 Honeywell Advanced Phase Change Materials (PCM) Product Specification
- 3.3 Manufacturer three Advanced Phase Change Materials (PCM) Business Introduction
 - 3.3.1 Manufacturer three Advanced Phase Change Materials (PCM) Sales Volume, Price, Revenue and Gross margin 2017-2022
 - 3.3.2 Manufacturer three Advanced Phase Change Materials (PCM) Business Distribution by Region
 - 3.3.3 Interview Record
 - 3.3.4 Manufacturer three Advanced Phase Change Materials (PCM) Business Overview
 - 3.3.5 Manufacturer three Advanced Phase Change Materials (PCM) Product Specification
- 3.4 Manufacturer four Advanced Phase Change Materials (PCM) Business Introduction
 - 3.4.1 Manufacturer four Advanced Phase Change Materials (PCM) Sales Volume, Price, Revenue and Gross margin 2017-2022
 - 3.4.2 Manufacturer four Advanced Phase Change Materials (PCM) Business Distribution by Region
 - 3.4.3 Interview Record
 - 3.4.4 Manufacturer four Advanced Phase Change Materials (PCM) Business Overview
 - 3.4.5 Manufacturer four Advanced Phase Change Materials (PCM) Product Specification
- 3.5
- 3.6

SECTION 4 GLOBAL ADVANCED PHASE CHANGE MATERIALS (PCM) MARKET SEGMENT (BY REGION)

- 4.1 North America Country
 - 4.1.1 United States Advanced Phase Change Materials (PCM) Market Size and Price Analysis 2017-2022
 - 4.1.2 Canada Advanced Phase Change Materials (PCM) Market Size and Price Analysis 2017-2022
 - 4.1.3 Mexico Advanced Phase Change Materials (PCM) Market Size and Price Analysis 2017-2022
- 4.2 South America Country
 - 4.2.1 Brazil Advanced Phase Change Materials (PCM) Market Size and Price Analysis 2017-2022
 - 4.2.2 Argentina Advanced Phase Change Materials (PCM) Market Size and Price

Analysis 2017-2022

4.3 Asia Pacific

4.3.1 China Advanced Phase Change Materials (PCM) Market Size and Price Analysis 2017-2022

4.3.2 Japan Advanced Phase Change Materials (PCM) Market Size and Price Analysis 2017-2022

4.3.3 India Advanced Phase Change Materials (PCM) Market Size and Price Analysis 2017-2022

4.3.4 Korea Advanced Phase Change Materials (PCM) Market Size and Price Analysis 2017-2022

4.3.5 Southeast Asia Advanced Phase Change Materials (PCM) Market Size and Price Analysis 2017-2022

4.4 Europe Country

4.4.1 Germany Advanced Phase Change Materials (PCM) Market Size and Price Analysis 2017-2022

4.4.2 UK Advanced Phase Change Materials (PCM) Market Size and Price Analysis 2017-2022

4.4.3 France Advanced Phase Change Materials (PCM) Market Size and Price Analysis 2017-2022

4.4.4 Spain Advanced Phase Change Materials (PCM) Market Size and Price Analysis 2017-2022

4.4.5 Russia Advanced Phase Change Materials (PCM) Market Size and Price Analysis 2017-2022

4.4.6 Italy Advanced Phase Change Materials (PCM) Market Size and Price Analysis 2017-2022

4.5 Middle East and Africa

4.5.1 Middle East Advanced Phase Change Materials (PCM) Market Size and Price Analysis 2017-2022

4.5.2 South Africa Advanced Phase Change Materials (PCM) Market Size and Price Analysis 2017-2022

4.5.3 Egypt Advanced Phase Change Materials (PCM) Market Size and Price Analysis 2017-2022

4.6 Global Advanced Phase Change Materials (PCM) Market Segment (By Region) Analysis 2017-2022

4.7 Global Advanced Phase Change Materials (PCM) Market Segment (By Country) Analysis 2017-2022

4.8 Global Advanced Phase Change Materials (PCM) Market Segment (By Region) Analysis

SECTION 5 GLOBAL ADVANCED PHASE CHANGE MATERIALS (PCM) MARKET SEGMENT (BY PRODUCT TYPE)

5.1 Product Introduction by Type

5.1.1 Organic Product Introduction

5.1.2 Inorganic Product Introduction

5.1.3 Bio-based Product Introduction

5.2 Global Advanced Phase Change Materials (PCM) Sales Volume (by Type) 2017-2022

5.3 Global Advanced Phase Change Materials (PCM) Market Size (by Type) 2017-2022

5.4 Different Advanced Phase Change Materials (PCM) Product Type Price 2017-2022

5.5 Global Advanced Phase Change Materials (PCM) Market Segment (By Type) Analysis

SECTION 6 GLOBAL ADVANCED PHASE CHANGE MATERIALS (PCM) MARKET SEGMENT (BY APPLICATION)

6.1 Global Advanced Phase Change Materials (PCM) Sales Volume (by Application) 2017-2022

6.2 Global Advanced Phase Change Materials (PCM) Market Size (by Application) 2017-2022

6.3 Advanced Phase Change Materials (PCM) Price in Different Application Field 2017-2022

6.4 Global Advanced Phase Change Materials (PCM) Market Segment (By Application) Analysis

SECTION 7 GLOBAL ADVANCED PHASE CHANGE MATERIALS (PCM) MARKET SEGMENT (BY CHANNEL)

7.1 Global Advanced Phase Change Materials (PCM) Market Segment (By Channel) Sales Volume and Share 2017-2022

7.2 Global Advanced Phase Change Materials (PCM) Market Segment (By Channel) Analysis

SECTION 8 GLOBAL ADVANCED PHASE CHANGE MATERIALS (PCM) MARKET FORECAST 2023-2028

8.1 Advanced Phase Change Materials (PCM) Segment Market Forecast 2023-2028 (By Region)

8.2 Advanced Phase Change Materials (PCM) Segment Market Forecast 2023-2028
(By Type)

8.3 Advanced Phase Change Materials (PCM) Segment Market Forecast 2023-2028
(By Application)

8.4 Advanced Phase Change Materials (PCM) Segment Market Forecast 2023-2028
(By Channel)

8.5 Global Advanced Phase Change Materials (PCM) Price (USD/Unit) Forecast

SECTION 9 ADVANCED PHASE CHANGE MATERIALS (PCM) APPLICATION AND CUSTOMER ANALYSIS

9.1 Building & Construction Customers

9.2 Refrigeration Customers

9.3 Consumer goods Customers

SECTION 10 ADVANCED PHASE CHANGE MATERIALS (PCM) MANUFACTURING COST OF ANALYSIS

10.1 Raw Material Cost Analysis

10.2 Labor Cost Analysis

10.3 Cost Overview

SECTION 11 CONCLUSION

12 RESEARCH METHOD AND DATA SOURCE

Chart And Figure

CHART AND FIGURE

Figure Advanced Phase Change Materials (PCM) Product Picture

Chart Global Advanced Phase Change Materials (PCM) Market Size (with or without the impact of COVID-19)

Chart Global Advanced Phase Change Materials (PCM) Sales Volume (Units) and Growth Rate 2017-2022

Chart Global Advanced Phase Change Materials (PCM) Market Size (Million \$) and Growth Rate 2017-2022

Chart Global Advanced Phase Change Materials (PCM) Sales Volume (Units) and Growth Rate 2023-2028

Chart Global Advanced Phase Change Materials (PCM) Market Size (Million \$) and Growth Rate 2023-2028

Table Global Advanced Phase Change Materials (PCM) Market Overview by Region

Table Global Advanced Phase Change Materials (PCM) Market Overview by Type

Table Global Advanced Phase Change Materials (PCM) Market Overview by Application

Chart 2017-2022 Global Manufacturer Advanced Phase Change Materials (PCM) Sales Volume (Units)

Chart 2017-2022 Global Manufacturer Advanced Phase Change Materials (PCM) Sales Volume Share

Chart 2017-2022 Global Manufacturer Advanced Phase Change Materials (PCM) Business Revenue (Million USD)

Chart 2017-2022 Global Manufacturer Advanced Phase Change Materials (PCM) Business Revenue Share

Chart 2017-2022 Global Manufacturer Advanced Phase Change Materials (PCM) Business Price (USD/Unit)

Chart BASF Advanced Phase Change Materials (PCM) Sales Volume, Price, Revenue and Gross margin 2017-2022

Chart BASF Advanced Phase Change Materials (PCM) Business Distribution

Chart BASF Interview Record (Partly)

Chart BASF Advanced Phase Change Materials (PCM) Business Profile

Table BASF Advanced Phase Change Materials (PCM) Product Specification

Chart United States Advanced Phase Change Materials (PCM) Sales Volume (Units) and Market Size (Million \$) 2017-2022

Chart United States Advanced Phase Change Materials (PCM) Sales Price (USD/Unit) 2017-2022

Chart Canada Advanced Phase Change Materials (PCM) Sales Volume (Units) and Market Size (Million \$) 2017-2022

Chart Canada Advanced Phase Change Materials (PCM) Sales Price (USD/Unit) 2017-2022

Chart Mexico Advanced Phase Change Materials (PCM) Sales Volume (Units) and Market Size (Million \$) 2017-2022

Chart Mexico Advanced Phase Change Materials (PCM) Sales Price (USD/Unit) 2017-2022

Chart Brazil Advanced Phase Change Materials (PCM) Sales Volume (Units) and Market Size (Million \$) 2017-2022

Chart Brazil Advanced Phase Change Materials (PCM) Sales Price (USD/Unit) 2017-2022

Chart Argentina Advanced Phase Change Materials (PCM) Sales Volume (Units) and Market Size (Million \$) 2017-2022

Chart Argentina Advanced Phase Change Materials (PCM) Sales Price (USD/Unit) 2017-2022

Chart China Advanced Phase Change Materials (PCM) Sales Volume (Units) and Market Size (Million \$) 2017-2022

Chart China Advanced Phase Change Materials (PCM) Sales Price (USD/Unit) 2017-2022

Chart Japan Advanced Phase Change Materials (PCM) Sales Volume (Units) and Market Size (Million \$) 2017-2022

Chart Japan Advanced Phase Change Materials (PCM) Sales Price (USD/Unit) 2017-2022

Chart India Advanced Phase Change Materials (PCM) Sales Volume (Units) and Market Size (Million \$) 2017-2022

Chart India Advanced Phase Change Materials (PCM) Sales Price (USD/Unit) 2017-2022

Chart Korea Advanced Phase Change Materials (PCM) Sales Volume (Units) and Market Size (Million \$) 2017-2022

Chart Korea Advanced Phase Change Materials (PCM) Sales Price (USD/Unit) 2017-2022

Chart Southeast Asia Advanced Phase Change Materials (PCM) Sales Volume (Units) and Market Size (Million \$) 2017-2022

Chart Southeast Asia Advanced Phase Change Materials (PCM) Sales Price (USD/Unit) 2017-2022

Chart Germany Advanced Phase Change Materials (PCM) Sales Volume (Units) and Market Size (Million \$) 2017-2022

Chart Germany Advanced Phase Change Materials (PCM) Sales Price (USD/Unit)

2017-2022

Chart UK Advanced Phase Change Materials (PCM) Sales Volume (Units) and Market Size (Million \$) 2017-2022

Chart UK Advanced Phase Change Materials (PCM) Sales Price (USD/Unit) 2017-2022

Chart France Advanced Phase Change Materials (PCM) Sales Volume (Units) and Market Size (Million \$) 2017-2022

Chart France Advanced Phase Change Materials (PCM) Sales Price (USD/Unit) 2017-2022

Chart Spain Advanced Phase Change Materials (PCM) Sales Volume (Units) and Market Size (Million \$) 2017-2022

Chart Spain Advanced Phase Change Materials (PCM) Sales Price (USD/Unit) 2017-2022

Chart Russia Advanced Phase Change Materials (PCM) Sales Volume (Units) and Market Size (Million \$) 2017-2022

Chart Russia Advanced Phase Change Materials (PCM) Sales Price (USD/Unit) 2017-2022

Chart Italy Advanced Phase Change Materials (PCM) Sales Volume (Units) and Market Size (Million \$) 2017-2022

Chart Italy Advanced Phase Change Materials (PCM) Sales Price (USD/Unit) 2017-2022

Chart Middle East Advanced Phase Change Materials (PCM) Sales Volume (Units) and Market Size (Million \$) 2017-2022

Chart Middle East Advanced Phase Change Materials (PCM) Sales Price (USD/Unit) 2017-2022

Chart South Africa Advanced Phase Change Materials (PCM) Sales Volume (Units) and Market Size (Million \$) 2017-2022

Chart South Africa Advanced Phase Change Materials (PCM) Sales Price (USD/Unit) 2017-2022

Chart Egypt Advanced Phase Change Materials (PCM) Sales Volume (Units) and Market Size (Million \$) 2017-2022

Chart Egypt Advanced Phase Change Materials (PCM) Sales Price (USD/Unit) 2017-2022

Chart Global Advanced Phase Change Materials (PCM) Market Segment Sales Volume (Units) by Region 2017-2022

Chart Global Advanced Phase Change Materials (PCM) Market Segment Sales Volume (Units) Share by Region 2017-2022

Chart Global Advanced Phase Change Materials (PCM) Market Segment Market size (Million \$) by Region 2017-2022

Chart Global Advanced Phase Change Materials (PCM) Market Segment Market size

(Million \$) Share by Region 2017-2022

Chart Global Advanced Phase Change Materials (PCM) Market Segment Sales Volume (Units) by Country 2017-2022

Chart Global Advanced Phase Change Materials (PCM) Market Segment Sales Volume (Units) Share by Country 2017-2022

Chart Global Advanced Phase Change Materials (PCM) Market Segment Market size (Million \$) by Country 2017-2022

Chart Global Advanced Phase Change Materials (PCM) Market Segment Market size (Million \$) Share by Country 2017-2022

Chart Organic Product Figure

Chart Organic Product Description

Chart Inorganic Product Figure

Chart Inorganic Product Description

Chart Bio-based Product Figure

Chart Bio-based Product Description

Chart Advanced Phase Change Materials (PCM) Sales Volume by Type (Units) 2017-2022

Chart Advanced Phase Change Materials (PCM) Sales Volume (Units) Share by Type

Chart Advanced Phase Change Materials (PCM) Market Size by Type (Million \$) 2017-2022

Chart Advanced Phase Change Materials (PCM) Market Size (Million \$) Share by Type

Chart Different Advanced Phase Change Materials (PCM) Product Type Price (USD/Unit) 2017-2022

Chart Advanced Phase Change Materials (PCM) Sales Volume by Application (Units) 2017-2022

Chart Advanced Phase Change Materials (PCM) Sales Volume (Units) Share by Application

Chart Advanced Phase Change Materials (PCM) Market Size by Application (Million \$) 2017-2022

Chart Advanced Phase Change Materials (PCM) Market Size (Million \$) Share by Application

Chart Advanced Phase Change Materials (PCM) Price in Different Application Field 2017-2022

Chart Global Advanced Phase Change Materials (PCM) Market Segment (By Channel) Sales Volume (Units) 2017-2022

Chart Global Advanced Phase Change Materials (PCM) Market Segment (By Channel) Share 2017-2022

Chart Advanced Phase Change Materials (PCM) Segment Market Sales Volume (Units) Forecast (by Region) 2023-2028

Chart Advanced Phase Change Materials (PCM) Segment Market Sales Volume Forecast (By Region) Share 2023-2028

Chart Advanced Phase Change Materials (PCM) Segment Market Size (Million USD) Forecast (By Region) 2023-2028

Chart Advanced Phase Change Materials (PCM) Segment Market Size Forecast (By Region) Share 2023-2028

Chart Advanced Phase Change Materials (PCM) Market Segment (By Type) Volume (Units) 2023-2028

Chart Advanced Phase Change Materials (PCM) Market Segment (By Type) Volume (Units) Share 2023-2028

Chart Advanced Phase Change Materials (PCM) Market Segment (By Type) Market Size (Million \$) 2023-2028

Chart Advanced Phase Change Materials (PCM) Market Segment (By Type) Market Size (Million \$) 2023-2028

Chart Advanced Phase Change Materials (PCM) Market Segment (By Application) Market Size (Volume) 2023-2028

Chart Advanced Phase Change Materials (PCM) Market Segment (By Application) Market Size (Volume) Share 2023-2028

Chart Advanced Phase Change Materials (PCM) Market Segment (By Application) Market Size (Value) 2023-2028

Chart Advanced Phase Change Materials (PCM) Market Segment (By Application) Market Size (Value) Share 2023-2028

Chart Global Advanced Phase Change Materials (PCM) Market Segment (By Channel) Sales Volume (Units) 2023-2028

Chart Global Advanced Phase Change Materials (PCM) Market Segment (By Channel) Share 2023-2028

Chart Global Advanced Phase Change Materials (PCM) Price Forecast 2023-2028

Chart Building & Construction Customers

Chart Refrigeration Customers

Chart Consumer goods Customers

I would like to order

Product name: Global Advanced Phase Change Materials (PCM) Market Status, Trends and COVID-19 Impact Report 2022

Product link: <https://marketpublishers.com/r/G893931CA945EN.html>

Price: US\$ 2,350.00 (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/G893931CA945EN.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

