

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

<https://marketpublishers.com/r/G632BA09B2AEN.html>

Date: June 2018

Pages: 128

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

ID: G632BA09B2AEN

Abstracts

Phase change materials (PCMs) are substances with a high enthalpy of fusion, also known as latent heat, meaning they can store large quantities of heat energy as they change phase. When melting, they absorb heat and maintain the temperature of the environment at a certain value until completely molten. When the temperature of the environment falls below the crystallisation temperature, the PCM will start to solidify, releasing large quantities of heat and maintaining the temperature until completely solid.

SCOPE OF THE REPORT:

This report focuses on the Advanced Phase Change Materials (PCM) 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.

In consumption market, the growth rate of global consumption is stable. USA? Europe? China? Japan? Southeast Asia? India are still the mainly consumption regions, due to the advanced production technology and rapid development of economy.

The worldwide market for Advanced Phase Change Materials (PCM) is expected to grow at a CAGR of roughly 14.2% over the next five years, will reach 1660 million US\$ in 2023, from 850 million US\$ in 2017, according to a new GIR (Global Info Research) study.

Market Segment by Manufacturers, this report covers

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

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

Inorganic

Bio-based

Market Segment by Applications, can be divided into

Building & Construction

Refrigeration

Consumer goods

Others

There are 15 Chapters to deeply display the global Advanced Phase Change Materials (PCM) market.

Chapter 1, to describe Advanced Phase Change Materials (PCM) Introduction, product scope, market overview, market opportunities, market risk, market driving force;

Chapter 2, to analyze the top manufacturers of Advanced Phase Change Materials (PCM), with sales, revenue, and price of Advanced Phase Change Materials (PCM), 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 Advanced Phase Change Materials (PCM), 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, Advanced Phase Change Materials (PCM) market forecast, by regions, type and application, with sales and revenue, from 2018 to 2023;

Chapter 13, 14 and 15, to describe Advanced Phase Change Materials (PCM) sales channel, distributors, traders, dealers, Research Findings and Conclusion, appendix and data source

Contents

1 MARKET OVERVIEW

- 1.1 Advanced Phase Change Materials (PCM) Introduction
- 1.2 Market Analysis by Type
 - 1.2.1 Organic
 - 1.2.2 Inorganic
 - 1.2.3 Bio-based
- 1.3 Market Analysis by Applications
 - 1.3.1 Building & Construction
 - 1.3.2 Refrigeration
 - 1.3.3 Consumer goods
 - 1.3.4 Others
- 1.4 Market Analysis by Regions
 - 1.4.1 North America (United States, Canada and Mexico)
 - 1.4.1.1 United States Market States and Outlook (2013-2023)
 - 1.4.1.2 Canada Market States and Outlook (2013-2023)
 - 1.4.1.3 Mexico Market States and Outlook (2013-2023)
 - 1.4.2 Europe (Germany, France, UK, Russia and Italy)
 - 1.4.2.1 Germany Market States and Outlook (2013-2023)
 - 1.4.2.2 France Market States and Outlook (2013-2023)
 - 1.4.2.3 UK Market States and Outlook (2013-2023)
 - 1.4.2.4 Russia Market States and Outlook (2013-2023)
 - 1.4.2.5 Italy Market States and Outlook (2013-2023)
 - 1.4.3 Asia-Pacific (China, Japan, Korea, India and Southeast Asia)
 - 1.4.3.1 China Market States and Outlook (2013-2023)
 - 1.4.3.2 Japan Market States and Outlook (2013-2023)
 - 1.4.3.3 Korea Market States and Outlook (2013-2023)
 - 1.4.3.4 India Market States and Outlook (2013-2023)
 - 1.4.3.5 Southeast Asia Market States and Outlook (2013-2023)
 - 1.4.4 South America, Middle East and Africa
 - 1.4.4.1 Brazil Market States and Outlook (2013-2023)
 - 1.4.4.2 Egypt Market States and Outlook (2013-2023)
 - 1.4.4.3 Saudi Arabia Market States and Outlook (2013-2023)
 - 1.4.4.4 South Africa Market States and Outlook (2013-2023)
 - 1.4.4.5 Nigeria Market States and Outlook (2013-2023)
- 1.5 Market Dynamics
 - 1.5.1 Market Opportunities

1.5.2 Market Risk

1.5.3 Market Driving Force

2 MANUFACTURERS PROFILES

2.1 BASF

2.1.1 Business Overview

2.1.1.1 BASF Description

2.1.1.2 BASF Headquarter, Main Business and Finance Overview

2.1.2 BASF Advanced Phase Change Materials (PCM) Product Introduction

2.1.2.1 Advanced Phase Change Materials (PCM) Production Bases, Sales Regions and Major Competitors

2.1.2.2 Advanced Phase Change Materials (PCM) Product Information

2.1.3 BASF Advanced Phase Change Materials (PCM) Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

2.1.3.1 BASF Advanced Phase Change Materials (PCM) Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

2.1.3.2 Global BASF Advanced Phase Change Materials (PCM) Market Share in 2017

2.2 Honeywell

2.2.1 Business Overview

2.2.1.1 Honeywell Description

2.2.1.2 Honeywell Headquarter, Main Business and Finance Overview

2.2.2 Honeywell Advanced Phase Change Materials (PCM) Product Introduction

2.2.2.1 Advanced Phase Change Materials (PCM) Production Bases, Sales Regions and Major Competitors

2.2.2.2 Advanced Phase Change Materials (PCM) Product Information

2.2.3 Honeywell Advanced Phase Change Materials (PCM) Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

2.2.3.1 Honeywell Advanced Phase Change Materials (PCM) Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

2.2.3.2 Global Honeywell Advanced Phase Change Materials (PCM) Market Share in 2017

2.3 Cryopak

2.3.1 Business Overview

2.3.1.1 Cryopak Description

2.3.1.2 Cryopak Headquarter, Main Business and Finance Overview

2.3.2 Cryopak Advanced Phase Change Materials (PCM) Product Introduction

2.3.2.1 Advanced Phase Change Materials (PCM) Production Bases, Sales Regions

and Major Competitors

2.3.2.2 Advanced Phase Change Materials (PCM) Product Information

2.3.3 Cryopak Advanced Phase Change Materials (PCM) Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

2.3.3.1 Cryopak Advanced Phase Change Materials (PCM) Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

2.3.3.2 Global Cryopak Advanced Phase Change Materials (PCM) Market Share in 2017

2.4 Entropy Solutions Inc.

2.4.1 Business Overview

2.4.1.1 Entropy Solutions Inc. Description

2.4.1.2 Entropy Solutions Inc. Headquarter, Main Business and Finance Overview

2.4.2 Entropy Solutions Inc. Advanced Phase Change Materials (PCM) Product Introduction

2.4.2.1 Advanced Phase Change Materials (PCM) Production Bases, Sales Regions and Major Competitors

2.4.2.2 Advanced Phase Change Materials (PCM) Product Information

2.4.3 Entropy Solutions Inc. Advanced Phase Change Materials (PCM) Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

2.4.3.1 Entropy Solutions Inc. Advanced Phase Change Materials (PCM) Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

2.4.3.2 Global Entropy Solutions Inc. Advanced Phase Change Materials (PCM) Market Share in 2017

2.5 Climator Sweden AB

2.5.1 Business Overview

2.5.1.1 Climator Sweden AB Description

2.5.1.2 Climator Sweden AB Headquarter, Main Business and Finance Overview

2.5.2 Climator Sweden AB Advanced Phase Change Materials (PCM) Product Introduction

2.5.2.1 Advanced Phase Change Materials (PCM) Production Bases, Sales Regions and Major Competitors

2.5.2.2 Advanced Phase Change Materials (PCM) Product Information

2.5.3 Climator Sweden AB Advanced Phase Change Materials (PCM) Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

2.5.3.1 Climator Sweden AB Advanced Phase Change Materials (PCM) Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

2.5.3.2 Global Climator Sweden AB Advanced Phase Change Materials (PCM) Market Share in 2017

2.6 Phase Change Energy Solutions

2.6.1 Business Overview

2.6.1.1 Phase Change Energy Solutions Description

2.6.1.2 Phase Change Energy Solutions Headquarter, Main Business and Finance Overview

2.6.2 Phase Change Energy Solutions Advanced Phase Change Materials (PCM) Product Introduction

2.6.2.1 Advanced Phase Change Materials (PCM) Production Bases, Sales Regions and Major Competitors

2.6.2.2 Advanced Phase Change Materials (PCM) Product Information

2.6.3 Phase Change Energy Solutions Advanced Phase Change Materials (PCM) Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

2.6.3.1 Phase Change Energy Solutions Advanced Phase Change Materials (PCM) Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

2.6.3.2 Global Phase Change Energy Solutions Advanced Phase Change Materials (PCM) Market Share in 2017

2.7 Outlast Technologies

2.7.1 Business Overview

2.7.1.1 Outlast Technologies Description

2.7.1.2 Outlast Technologies Headquarter, Main Business and Finance Overview

2.7.2 Outlast Technologies Advanced Phase Change Materials (PCM) Product Introduction

2.7.2.1 Advanced Phase Change Materials (PCM) Production Bases, Sales Regions and Major Competitors

2.7.2.2 Advanced Phase Change Materials (PCM) Product Information

2.7.3 Outlast Technologies Advanced Phase Change Materials (PCM) Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

2.7.3.1 Outlast Technologies Advanced Phase Change Materials (PCM) Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

2.7.3.2 Global Outlast Technologies Advanced Phase Change Materials (PCM) Market Share in 2017

2.8 Dow Building Solutions

2.8.1 Business Overview

2.8.1.1 Dow Building Solutions Description

2.8.1.2 Dow Building Solutions Headquarter, Main Business and Finance Overview

2.8.2 Dow Building Solutions Advanced Phase Change Materials (PCM) Product Introduction

2.8.2.1 Advanced Phase Change Materials (PCM) Production Bases, Sales Regions and Major Competitors

2.8.2.2 Advanced Phase Change Materials (PCM) Product Information

2.8.3 Dow Building Solutions Advanced Phase Change Materials (PCM) Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

2.8.3.1 Dow Building Solutions Advanced Phase Change Materials (PCM) Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

2.8.3.2 Global Dow Building Solutions Advanced Phase Change Materials (PCM) Market Share in 2017

2.9 Chemours Company

2.9.1 Business Overview

2.9.1.1 Chemours Company Description

2.9.1.2 Chemours Company Headquarter, Main Business and Finance Overview

2.9.2 Chemours Company Advanced Phase Change Materials (PCM) Product Introduction

2.9.2.1 Advanced Phase Change Materials (PCM) Production Bases, Sales Regions and Major Competitors

2.9.2.2 Advanced Phase Change Materials (PCM) Product Information

2.9.3 Chemours Company Advanced Phase Change Materials (PCM) Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

2.9.3.1 Chemours Company Advanced Phase Change Materials (PCM) Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

2.9.3.2 Global Chemours Company Advanced Phase Change Materials (PCM) Market Share in 2017

2.10 PCM Energy Ltd

2.10.1 Business Overview

2.10.1.1 PCM Energy Ltd Description

2.10.1.2 PCM Energy Ltd Headquarter, Main Business and Finance Overview

2.10.2 PCM Energy Ltd Advanced Phase Change Materials (PCM) Product Introduction

2.10.2.1 Advanced Phase Change Materials (PCM) Production Bases, Sales Regions and Major Competitors

2.10.2.2 Advanced Phase Change Materials (PCM) Product Information

2.10.3 PCM Energy Ltd Advanced Phase Change Materials (PCM) Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

2.10.3.1 PCM Energy Ltd Advanced Phase Change Materials (PCM) Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

2.10.3.2 Global PCM Energy Ltd Advanced Phase Change Materials (PCM) Market Share in 2017

2.11 Rubitherm Technologies GmbH

2.11.1 Business Overview

2.11.2 Rubitherm Technologies GmbH Advanced Phase Change Materials (PCM)

Product Introduction

2.11.3 Rubitherm Technologies GmbH Advanced Phase Change Materials (PCM) Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

3 GLOBAL ADVANCED PHASE CHANGE MATERIALS (PCM) MARKET COMPETITION, BY MANUFACTURER

3.1 Global Advanced Phase Change Materials (PCM) Sales and Market Share by Manufacturer (2016-2017)

3.2 Global Advanced Phase Change Materials (PCM) Revenue and Market Share by Manufacturer (2016-2017)

3.3 Global Advanced Phase Change Materials (PCM) Price by Manufacturer (2016-2017)

3.4 Market Concentration Rate

3.4.1 Top 3 Advanced Phase Change Materials (PCM) Manufacturer Market Share in 2017

3.4.2 Top 5 Advanced Phase Change Materials (PCM) Manufacturer Market Share in 2017

3.5 Market Competition Trend

4 GLOBAL ADVANCED PHASE CHANGE MATERIALS (PCM) MARKET ANALYSIS BY REGIONS

4.1 Global Advanced Phase Change Materials (PCM) Sales, Revenue and Market Share by Regions

4.1.1 Global Advanced Phase Change Materials (PCM) Sales by Regions (2013-2018)

4.1.2 Global Advanced Phase Change Materials (PCM) Revenue by Regions (2013-2018)

4.2 North America Advanced Phase Change Materials (PCM) Sales, Revenue and Growth Rate (2013-2018)

4.3 Europe Advanced Phase Change Materials (PCM) Sales, Revenue and Growth Rate (2013-2018)

4.4 Asia-Pacific Advanced Phase Change Materials (PCM) Sales, Revenue and Growth Rate (2013-2018)

4.5 South America Advanced Phase Change Materials (PCM) Sales, Revenue and Growth Rate (2013-2018)

4.6 Middle East and Africa Advanced Phase Change Materials (PCM) Sales, Revenue and Growth Rate (2013-2018)

5 NORTH AMERICA ADVANCED PHASE CHANGE MATERIALS (PCM) BY COUNTRIES, TYPE, APPLICATION AND MANUFACTURERS

5.1 North America Advanced Phase Change Materials (PCM) Sales, Revenue and Market Share by Countries

5.1.1 North America Advanced Phase Change Materials (PCM) Sales by Countries (2013-2018)

5.1.2 North America Advanced Phase Change Materials (PCM) Revenue by Countries (2013-2018)

5.1.3 United States Advanced Phase Change Materials (PCM) Sales and Growth Rate (2013-2018)

5.1.4 Canada Advanced Phase Change Materials (PCM) Sales and Growth Rate (2013-2018)

5.1.5 Mexico Advanced Phase Change Materials (PCM) Sales and Growth Rate (2013-2018)

5.2 North America Advanced Phase Change Materials (PCM) Sales and Revenue (Value) by Manufacturers (2016-2017)

5.2.1 North America Advanced Phase Change Materials (PCM) Sales by Manufacturers (2016-2017)

5.2.2 North America Advanced Phase Change Materials (PCM) Revenue by Manufacturers (2016-2017)

5.3 North America Advanced Phase Change Materials (PCM) Sales, Revenue and Market Share by Type (2013-2018)

5.3.1 North America Advanced Phase Change Materials (PCM) Sales and Sales Share by Type (2013-2018)

5.3.2 North America Advanced Phase Change Materials (PCM) Revenue and Revenue Share by Type (2013-2018)

5.4 North America Advanced Phase Change Materials (PCM) Sales, Revenue and Market Share by Application (2013-2018)

5.4.1 North America Advanced Phase Change Materials (PCM) Sales and Sales Share by Application (2013-2018)

5.4.2 North America Advanced Phase Change Materials (PCM) Revenue and Revenue Share by Application (2013-2018)

6 EUROPE ADVANCED PHASE CHANGE MATERIALS (PCM) BY COUNTRIES, TYPE, APPLICATION AND MANUFACTURERS

6.1 Europe Advanced Phase Change Materials (PCM) Sales, Revenue and Market Share by Countries

- 6.1.1 Europe Advanced Phase Change Materials (PCM) Sales by Countries (2013-2018)
- 6.1.2 Europe Advanced Phase Change Materials (PCM) Revenue by Countries (2013-2018)
- 6.1.3 Germany Advanced Phase Change Materials (PCM) Sales and Growth Rate (2013-2018)
- 6.1.4 UK Advanced Phase Change Materials (PCM) Sales and Growth Rate (2013-2018)
- 6.1.5 France Advanced Phase Change Materials (PCM) Sales and Growth Rate (2013-2018)
- 6.1.6 Russia Advanced Phase Change Materials (PCM) Sales and Growth Rate (2013-2018)
- 6.1.7 Italy Advanced Phase Change Materials (PCM) Sales and Growth Rate (2013-2018)
- 6.2 Europe Advanced Phase Change Materials (PCM) Sales and Revenue (Value) by Manufacturers (2016-2017)
 - 6.2.1 Europe Advanced Phase Change Materials (PCM) Sales by Manufacturers (2016-2017)
 - 6.2.2 Europe Advanced Phase Change Materials (PCM) Revenue by Manufacturers (2016-2017)
- 6.3 Europe Advanced Phase Change Materials (PCM) Sales, Revenue and Market Share by Type (2013-2018)
 - 6.3.1 Europe Advanced Phase Change Materials (PCM) Sales and Sales Share by Type (2013-2018)
 - 6.3.2 Europe Advanced Phase Change Materials (PCM) Revenue and Revenue Share by Type (2013-2018)
- 6.4 Europe Advanced Phase Change Materials (PCM) Sales, Revenue and Market Share by Application (2013-2018)
 - 6.4.1 Europe Advanced Phase Change Materials (PCM) Sales and Sales Share by Application (2013-2018)
 - 6.4.2 Europe Advanced Phase Change Materials (PCM) Revenue and Revenue Share by Application (2013-2018)

7 ASIA-PACIFIC ADVANCED PHASE CHANGE MATERIALS (PCM) BY COUNTRIES, TYPE, APPLICATION AND MANUFACTURERS

- 7.1 Asia-Pacific Advanced Phase Change Materials (PCM) Sales, Revenue and Market Share by Countries
 - 7.1.1 Asia-Pacific Advanced Phase Change Materials (PCM) Sales by Countries

(2013-2018)

7.1.2 Asia-Pacific Advanced Phase Change Materials (PCM) Revenue by Countries

(2013-2018)

7.1.3 China Advanced Phase Change Materials (PCM) Sales and Growth Rate

(2013-2018)

7.1.4 Japan Advanced Phase Change Materials (PCM) Sales and Growth Rate

(2013-2018)

7.1.5 Korea Advanced Phase Change Materials (PCM) Sales and Growth Rate

(2013-2018)

7.1.6 India Advanced Phase Change Materials (PCM) Sales and Growth Rate

(2013-2018)

7.1.7 Southeast Asia Advanced Phase Change Materials (PCM) Sales and Growth Rate (2013-2018)

7.2 Asia-Pacific Advanced Phase Change Materials (PCM) Sales and Revenue (Value) by Manufacturers (2016-2017)

7.2.1 Asia-Pacific Advanced Phase Change Materials (PCM) Sales by Manufacturers (2016-2017)

7.2.2 Asia-Pacific Advanced Phase Change Materials (PCM) Revenue by Manufacturers (2016-2017)

7.3 Asia-Pacific Advanced Phase Change Materials (PCM) Sales, Revenue and Market Share by Type (2013-2018)

7.3.1 Asia-Pacific Advanced Phase Change Materials (PCM) Sales and Sales Share by Type (2013-2018)

7.3.2 Asia-Pacific Advanced Phase Change Materials (PCM) Revenue and Revenue Share by Type (2013-2018)

7.4 Asia-Pacific Advanced Phase Change Materials (PCM) Sales, Revenue and Market Share by Application (2013-2018)

7.4.1 Asia-Pacific Advanced Phase Change Materials (PCM) Sales and Sales Share by Application (2013-2018)

7.4.2 Asia-Pacific Advanced Phase Change Materials (PCM) Revenue and Revenue Share by Application (2013-2018)

8 SOUTH AMERICA ADVANCED PHASE CHANGE MATERIALS (PCM) BY COUNTRIES, TYPE, APPLICATION AND MANUFACTURERS

8.1 South America Advanced Phase Change Materials (PCM) Sales, Revenue and Market Share by Countries

8.1.1 South America Advanced Phase Change Materials (PCM) Sales by Countries (2013-2018)

8.1.2 South America Advanced Phase Change Materials (PCM) Revenue by Countries (2013-2018)

8.1.3 Brazil Advanced Phase Change Materials (PCM) Sales and Growth Rate (2013-2018)

8.1.4 Argentina Advanced Phase Change Materials (PCM) Sales and Growth Rate (2013-2018)

8.1.5 Colombia Advanced Phase Change Materials (PCM) Sales and Growth Rate (2013-2018)

8.2 South America Advanced Phase Change Materials (PCM) Sales and Revenue (Value) by Manufacturers (2016-2017)

8.2.1 South America Advanced Phase Change Materials (PCM) Sales by Manufacturers (2016-2017)

8.2.2 South America Advanced Phase Change Materials (PCM) Revenue by Manufacturers (2016-2017)

8.3 South America Advanced Phase Change Materials (PCM) Sales, Revenue and Market Share by Type (2013-2018)

8.3.1 South America Advanced Phase Change Materials (PCM) Sales and Sales Share by Type (2013-2018)

8.3.2 South America Advanced Phase Change Materials (PCM) Revenue and Revenue Share by Type (2013-2018)

8.4 South America Advanced Phase Change Materials (PCM) Sales, Revenue and Market Share by Application (2013-2018)

8.4.1 South America Advanced Phase Change Materials (PCM) Sales and Sales Share by Application (2013-2018)

8.4.2 South America Advanced Phase Change Materials (PCM) Revenue and Revenue Share by Application (2013-2018)

9 MIDDLE EAST AND AFRICA ADVANCED PHASE CHANGE MATERIALS (PCM) BY COUNTRIES, TYPE, APPLICATION AND MANUFACTURERS

9.1 Middle East and Africa Advanced Phase Change Materials (PCM) Sales, Revenue and Market Share by Countries

9.1.1 Middle East and Africa Advanced Phase Change Materials (PCM) Sales by Countries (2013-2018)

9.1.2 Middle East and Africa Advanced Phase Change Materials (PCM) Revenue by Countries (2013-2018)

9.1.3 Saudi Arabia Advanced Phase Change Materials (PCM) Sales and Growth Rate (2013-2018)

9.1.4 UAE Advanced Phase Change Materials (PCM) Sales and Growth Rate

(2013-2018)

9.1.5 Egypt Advanced Phase Change Materials (PCM) Sales and Growth Rate

(2013-2018)

9.1.6 Nigeria Advanced Phase Change Materials (PCM) Sales and Growth Rate

(2013-2018)

9.1.7 South Africa Advanced Phase Change Materials (PCM) Sales and Growth Rate

(2013-2018)

9.2 Middle East and Africa Advanced Phase Change Materials (PCM) Sales and Revenue (Value) by Manufacturers (2016-2017)

9.2.1 Middle East and Africa Advanced Phase Change Materials (PCM) Sales by Manufacturers (2016-2017)

9.2.2 Middle East and Africa Advanced Phase Change Materials (PCM) Revenue by Manufacturers (2016-2017)

9.3 Middle East and Africa Advanced Phase Change Materials (PCM) Sales, Revenue and Market Share by Type (2013-2018)

9.3.1 Middle East and Africa Advanced Phase Change Materials (PCM) Sales and Sales Share by Type (2013-2018)

9.3.1 Middle East and Africa Advanced Phase Change Materials (PCM) Revenue and Revenue Share by Type (2013-2018)

9.4 Middle East and Africa Advanced Phase Change Materials (PCM) Sales, Revenue and Market Share by Application (2013-2018)

9.4.1 Middle East and Africa Advanced Phase Change Materials (PCM) Sales and Sales Share by Application (2013-2018)

9.4.2 Middle East and Africa Advanced Phase Change Materials (PCM) Revenue and Revenue Share by Application (2013-2018)

10 GLOBAL ADVANCED PHASE CHANGE MATERIALS (PCM) MARKET SEGMENT BY TYPE

10.1 Global Advanced Phase Change Materials (PCM) Sales, Revenue and Market Share by Type (2013-2018)

10.1.1 Global Advanced Phase Change Materials (PCM) Sales and Market Share by Type (2013-2018)

10.1.2 Global Advanced Phase Change Materials (PCM) Revenue and Market Share by Type (2013-2018)

10.2 Organic Sales Growth and Price

10.2.1 Global Organic Sales Growth (2013-2018)

10.2.2 Global Organic Price (2013-2018)

10.3 Inorganic Sales Growth and Price

- 10.3.1 Global Inorganic Sales Growth (2013-2018)
- 10.3.2 Global Inorganic Price (2013-2018)
- 10.4 Bio-based Sales Growth and Price
 - 10.4.1 Global Bio-based Sales Growth (2013-2018)
 - 10.4.2 Global Bio-based Price (2013-2018)

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

- 11.1 Global Advanced Phase Change Materials (PCM) Sales Market Share by Application (2013-2018)
- 11.2 Building & Construction Sales Growth (2013-2018)
- 11.3 Refrigeration Sales Growth (2013-2018)
- 11.4 Consumer goods Sales Growth (2013-2018)
- 11.5 Others Sales Growth (2013-2018)

12 ADVANCED PHASE CHANGE MATERIALS (PCM) MARKET FORECAST (2018-2023)

- 12.1 Global Advanced Phase Change Materials (PCM) Sales, Revenue and Growth Rate (2018-2023)
- 12.2 Advanced Phase Change Materials (PCM) Market Forecast by Regions (2018-2023)
 - 12.2.1 North America Advanced Phase Change Materials (PCM) Market Forecast (2018-2023)
 - 12.2.2 Europe Advanced Phase Change Materials (PCM) Market Forecast (2018-2023)
 - 12.2.3 Asia-Pacific Advanced Phase Change Materials (PCM) Market Forecast (2018-2023)
 - 12.2.4 South America Advanced Phase Change Materials (PCM) Market Forecast (2018-2023)
 - 12.2.5 Middle East and Africa Advanced Phase Change Materials (PCM) Market Forecast (2018-2023)
- 12.3 Advanced Phase Change Materials (PCM) Market Forecast by Type (2018-2023)
 - 12.3.1 Global Advanced Phase Change Materials (PCM) Sales Forecast by Type (2018-2023)
 - 12.3.2 Global Advanced Phase Change Materials (PCM) Market Share Forecast by Type (2018-2023)
- 12.4 Advanced Phase Change Materials (PCM) Market Forecast by Application

(2018-2023)

12.4.1 Global Advanced Phase Change Materials (PCM) Sales Forecast by Application (2018-2023)

12.4.2 Global Advanced Phase Change Materials (PCM) Market Share Forecast by Application (2018-2023)

13 SALES CHANNEL, DISTRIBUTORS, TRADERS AND DEALERS

13.1 Sales Channel

13.1.1 Direct Marketing

13.1.2 Indirect Marketing

13.1.3 Marketing Channel Future Trend

13.2 Distributors, Traders and Dealers

14 RESEARCH FINDINGS AND CONCLUSION

15 APPENDIX

15.1 Methodology

15.2 Data Source

List Of Tables

LIST OF TABLES AND FIGURES

- Figure Advanced Phase Change Materials (PCM) Picture
- Table Product Specifications of Advanced Phase Change Materials (PCM)
- Figure Global Advanced Phase Change Materials (PCM) CAGR (%), Y-o-Y Growth (&) and Market Size, 2013-2023 (USD Million)
- Figure Global Advanced Phase Change Materials (PCM) CAGR (%), Y-o-Y Growth (&) and Market Size, 2013-2023 (Sales)
- Figure Global Sales Market Share of Advanced Phase Change Materials (PCM) by Types in 2017
- Figure Organic Picture
- Table Major Manufacturers of Organic
- Figure Inorganic Picture
- Table Major Manufacturers of Inorganic
- Figure Bio-based Picture
- Table Major Manufacturers of Bio-based
- Figure Advanced Phase Change Materials (PCM) Sales Market Share by Applications in 2017
- Figure Building & Construction Picture
- Figure Refrigeration Picture
- Figure Consumer goods Picture
- Figure Others Picture
- Figure United States Advanced Phase Change Materials (PCM) Revenue (Value) and Growth Rate (2013-2023)
- Figure Canada Advanced Phase Change Materials (PCM) Revenue (Value) and Growth Rate (2013-2023)
- Figure Mexico Advanced Phase Change Materials (PCM) Revenue (Value) and Growth Rate (2013-2023)
- Figure Germany Advanced Phase Change Materials (PCM) Revenue (Value) and Growth Rate (2013-2023)
- Figure France Advanced Phase Change Materials (PCM) Revenue (Value) and Growth Rate (2013-2023)
- Figure UK Advanced Phase Change Materials (PCM) Revenue (Value) and Growth Rate (2013-2023)
- Figure Russia Advanced Phase Change Materials (PCM) Revenue (Value) and Growth Rate (2013-2023)
- Figure Italy Advanced Phase Change Materials (PCM) Revenue (Value) and Growth

Rate (2013-2023)

Figure China Advanced Phase Change Materials (PCM) Revenue (Value) and Growth Rate (2013-2023)

Figure Japan Advanced Phase Change Materials (PCM) Revenue (Value) and Growth Rate (2013-2023)

Figure Korea Advanced Phase Change Materials (PCM) Revenue (Value) and Growth Rate (2013-2023)

Figure India Advanced Phase Change Materials (PCM) Revenue (Value) and Growth Rate (2013-2023)

Figure Southeast Asia Advanced Phase Change Materials (PCM) Revenue (Value) and Growth Rate (2013-2023)

Figure Brazil Advanced Phase Change Materials (PCM) Revenue (Value) and Growth Rate (2013-2023)

Figure Egypt Advanced Phase Change Materials (PCM) Revenue (Value) and Growth Rate (2013-2023)

Figure Saudi Arabia Advanced Phase Change Materials (PCM) Revenue (Value) and Growth Rate (2013-2023)

Figure South Africa Advanced Phase Change Materials (PCM) Revenue (Value) and Growth Rate (2013-2023)

Figure Nigeria Advanced Phase Change Materials (PCM) Revenue (Value) and Growth Rate (2013-2023)

Table BASF Headquarter, Established, Main Business and Finance Overview (2017)

Table BASF Advanced Phase Change Materials (PCM) Production Bases, Sales Regions and Major Competitors

Table BASF Advanced Phase Change Materials (PCM) Product

Table BASF Advanced Phase Change Materials (PCM) Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

Figure Global BASF Advanced Phase Change Materials (PCM) Sales Market Share in 2017

Figure Global BASF Advanced Phase Change Materials (PCM) Revenue Market Share in 2017

Table Honeywell Headquarter, Established, Main Business and Finance Overview (2017)

Table Honeywell Advanced Phase Change Materials (PCM) Production Bases, Sales Regions and Major Competitors

Table Honeywell Advanced Phase Change Materials (PCM) Product

Table Honeywell Advanced Phase Change Materials (PCM) Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

Figure Global Honeywell Advanced Phase Change Materials (PCM) Sales Market

Share in 2017

Figure Global Honeywell Advanced Phase Change Materials (PCM) Revenue Market Share in 2017

Table Cryopak Headquarter, Established, Main Business and Finance Overview (2017)

Table Cryopak Advanced Phase Change Materials (PCM) Production Bases, Sales Regions and Major Competitors

Table Cryopak Advanced Phase Change Materials (PCM) Product

Table Cryopak Advanced Phase Change Materials (PCM) Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

Figure Global Cryopak Advanced Phase Change Materials (PCM) Sales Market Share in 2017

Figure Global Cryopak Advanced Phase Change Materials (PCM) Revenue Market Share in 2017

Table Entropy Solutions Inc. Headquarter, Established, Main Business and Finance Overview (2017)

Table Entropy Solutions Inc. Advanced Phase Change Materials (PCM) Production Bases, Sales Regions and Major Competitors

Table Entropy Solutions Inc. Advanced Phase Change Materials (PCM) Product

Table Entropy Solutions Inc. Advanced Phase Change Materials (PCM) Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

Figure Global Entropy Solutions Inc. Advanced Phase Change Materials (PCM) Sales Market Share in 2017

Figure Global Entropy Solutions Inc. Advanced Phase Change Materials (PCM) Revenue Market Share in 2017

Table Climator Sweden AB Headquarter, Established, Main Business and Finance Overview (2017)

Table Climator Sweden AB Advanced Phase Change Materials (PCM) Production Bases, Sales Regions and Major Competitors

Table Climator Sweden AB Advanced Phase Change Materials (PCM) Product

Table Climator Sweden AB Advanced Phase Change Materials (PCM) Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

Figure Global Climator Sweden AB Advanced Phase Change Materials (PCM) Sales Market Share in 2017

Figure Global Climator Sweden AB Advanced Phase Change Materials (PCM) Revenue Market Share in 2017

Table Phase Change Energy Solutions Headquarter, Established, Main Business and Finance Overview (2017)

Table Phase Change Energy Solutions Advanced Phase Change Materials (PCM) Production Bases, Sales Regions and Major Competitors

Table Phase Change Energy Solutions Advanced Phase Change Materials (PCM) Product

Table Phase Change Energy Solutions Advanced Phase Change Materials (PCM) Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

Figure Global Phase Change Energy Solutions Advanced Phase Change Materials (PCM) Sales Market Share in 2017

Figure Global Phase Change Energy Solutions Advanced Phase Change Materials (PCM) Revenue Market Share in 2017

Table Outlast Technologies Headquarter, Established, Main Business and Finance Overview (2017)

Table Outlast Technologies Advanced Phase Change Materials (PCM) Production Bases, Sales Regions and Major Competitors

Table Outlast Technologies Advanced Phase Change Materials (PCM) Product

Table Outlast Technologies Advanced Phase Change Materials (PCM) Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

Figure Global Outlast Technologies Advanced Phase Change Materials (PCM) Sales Market Share in 2017

Figure Global Outlast Technologies Advanced Phase Change Materials (PCM) Revenue Market Share in 2017

Table Dow Building Solutions Headquarter, Established, Main Business and Finance Overview (2017)

Table Dow Building Solutions Advanced Phase Change Materials (PCM) Production Bases, Sales Regions and Major Competitors

Table Dow Building Solutions Advanced Phase Change Materials (PCM) Product

Table Dow Building Solutions Advanced Phase Change Materials (PCM) Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

Figure Global Dow Building Solutions Advanced Phase Change Materials (PCM) Sales Market Share in 2017

Figure Global Dow Building Solutions Advanced Phase Change Materials (PCM) Revenue Market Share in 2017

Table Chemours Company Headquarter, Established, Main Business and Finance Overview (2017)

Table Chemours Company Advanced Phase Change Materials (PCM) Production Bases, Sales Regions and Major Competitors

Table Chemours Company Advanced Phase Change Materials (PCM) Product

Table Chemours Company Advanced Phase Change Materials (PCM) Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

Figure Global Chemours Company Advanced Phase Change Materials (PCM) Sales Market Share in 2017

Figure Global Chemours Company Advanced Phase Change Materials (PCM) Revenue Market Share in 2017

Table PCM Energy Ltd Headquarter, Established, Main Business and Finance Overview (2017)

Table PCM Energy Ltd Advanced Phase Change Materials (PCM) Production Bases, Sales Regions and Major Competitors

Table PCM Energy Ltd Advanced Phase Change Materials (PCM) Product

Table PCM Energy Ltd Advanced Phase Change Materials (PCM) Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

Figure Global PCM Energy Ltd Advanced Phase Change Materials (PCM) Sales Market Share in 2017

Figure Global PCM Energy Ltd Advanced Phase Change Materials (PCM) Revenue Market Share in 2017

Table Rubitherm Technologies GmbH

Table Rubitherm Technologies GmbH Advanced Phase Change Materials (PCM)

Table Global Advanced Phase Change Materials (PCM) Sales by Manufacturer (2016-2017)

Figure Global Advanced Phase Change Materials (PCM) Sales Market Share by Manufacturer in 2016

Figure Global Advanced Phase Change Materials (PCM) Sales Market Share by Manufacturer in 2017

Table Global Advanced Phase Change Materials (PCM) Revenue by Manufacturer (2016-2017)

Figure Global Advanced Phase Change Materials (PCM) Revenue Market Share by Manufacturer in 2016

Figure Global Advanced Phase Change Materials (PCM) Revenue Market Share by Manufacturer in 2017

Table Global Advanced Phase Change Materials (PCM) Price by Manufacturer (2016-2017)

Figure Top 3 Advanced Phase Change Materials (PCM) Manufacturer (Revenue) Market Share in 2017

Figure Top 6 Advanced Phase Change Materials (PCM) Manufacturer (Revenue) Market Share in 2017

Figure Global Advanced Phase Change Materials (PCM) Sales and Growth Rate (2013-2018)

Figure Global Advanced Phase Change Materials (PCM) Revenue and Growth Rate (2013-2018)

Table Global Advanced Phase Change Materials (PCM) Sales by Regions (2013-2018)

Table Global Advanced Phase Change Materials (PCM) Sales Market Share by

Regions (2013-2018)

Table Global Advanced Phase Change Materials (PCM) Revenue by Regions (2013-2018)

Figure Global Advanced Phase Change Materials (PCM) Revenue Market Share by Regions in 2013

Figure Global Advanced Phase Change Materials (PCM) Revenue Market Share by Regions in 2017

Figure North America Advanced Phase Change Materials (PCM) Sales and Growth Rate (2013-2018)

Figure North America Advanced Phase Change Materials (PCM) Revenue and Growth Rate (2013-2018)

Figure Europe Advanced Phase Change Materials (PCM) Sales and Growth Rate (2013-2018)

Figure Europe Advanced Phase Change Materials (PCM) Revenue and Growth Rate (2013-2018)

Figure Asia-Pacific Advanced Phase Change Materials (PCM) Sales and Growth Rate (2013-2018)

Figure Asia-Pacific Advanced Phase Change Materials (PCM) Revenue and Growth Rate (2013-2018)

Figure South America Advanced Phase Change Materials (PCM) Sales and Growth Rate (2013-2018)

Figure South America Advanced Phase Change Materials (PCM) Revenue and Growth Rate (2013-2018)

Figure Middle East and Africa Advanced Phase Change Materials (PCM) Sales and Growth Rate (2013-2018)

Figure Middle East and Africa Advanced Phase Change Materials (PCM) Revenue and Growth Rate (2013-2018)

Figure North America Advanced Phase Change Materials (PCM) Revenue and Growth Rate (2013-2018)

Table North America Advanced Phase Change Materials (PCM) Sales by Countries (2013-2018)

Table North America Advanced Phase Change Materials (PCM) Sales Market Share by Countries (2013-2018)

Figure North America Advanced Phase Change Materials (PCM) Sales Market Share by Countries in 2013

Figure North America Advanced Phase Change Materials (PCM) Sales Market Share by Countries in 2017

Table North America Advanced Phase Change Materials (PCM) Revenue by Countries (2013-2018)

Table North America Advanced Phase Change Materials (PCM) Revenue Market Share by Countries (2013-2018)

Figure North America Advanced Phase Change Materials (PCM) Revenue Market Share by Countries in 2013

Figure North America Advanced Phase Change Materials (PCM) Revenue Market Share by Countries in 2017

Figure United States Advanced Phase Change Materials (PCM) Sales and Growth Rate (2013-2018)

Figure Canada Advanced Phase Change Materials (PCM) Sales and Growth Rate (2013-2018)

Figure Mexico Advanced Phase Change Materials (PCM) Sales and Growth Rate (2013-2018)

Table North America Advanced Phase Change Materials (PCM) Sales by Manufacturer (2016-2017)

Figure North America Advanced Phase Change Materials (PCM) Sales Market Share by Manufacturer in 2016

Figure North America Advanced Phase Change Materials (PCM) Sales Market Share by Manufacturer in 2017

Table North America Advanced Phase Change Materials (PCM) Revenue by Manufacturer (2016-2017)

Figure North America Advanced Phase Change Materials (PCM) Revenue Market Share by Manufacturer in 2016

Figure North America Advanced Phase Change Materials (PCM) Revenue Market Share by Manufacturer in 2017

Table North America Advanced Phase Change Materials (PCM) Sales by Type (2013-2018)

Table North America Advanced Phase Change Materials (PCM) Sales Share by Type (2013-2018)

Table North America Advanced Phase Change Materials (PCM) Revenue by Type (2013-2018)

Table North America Advanced Phase Change Materials (PCM) Revenue Share by Type (2013-2018)

Table North America Advanced Phase Change Materials (PCM) Sales by Application (2013-2018)

Table North America Advanced Phase Change Materials (PCM) Sales Share by Application (2013-2018)

Table North America Advanced Phase Change Materials (PCM) Revenue by Application (2013-2018)

Table North America Advanced Phase Change Materials (PCM) Revenue Share by

Application (2013-2018)

Figure Europe Advanced Phase Change Materials (PCM) Revenue and Growth Rate (2013-2018)

Table Europe Advanced Phase Change Materials (PCM) Sales by Countries (2013-2018)

Table Europe Advanced Phase Change Materials (PCM) Sales Market Share by Countries (2013-2018)

Table Europe Advanced Phase Change Materials (PCM) Revenue by Countries (2013-2018)

Figure Europe Advanced Phase Change Materials (PCM) Revenue Market Share by Countries in 2016

Figure Europe Advanced Phase Change Materials (PCM) Revenue Market Share by Countries in 2017

Figure Germany Advanced Phase Change Materials (PCM) Sales and Growth Rate (2013-2018)

Figure UK Advanced Phase Change Materials (PCM) Sales and Growth Rate (2013-2018)

Figure France Advanced Phase Change Materials (PCM) Sales and Growth Rate (2013-2018)

Figure Russia Advanced Phase Change Materials (PCM) Sales and Growth Rate (2013-2018)

Figure Italy Advanced Phase Change Materials (PCM) Sales and Growth Rate (2013-2018)

Table Europe Advanced Phase Change Materials (PCM) Sales by Manufacturer (2016-2017)

Figure Europe Advanced Phase Change Materials (PCM) Sales Market Share by Manufacturer in 2016

Figure Europe Advanced Phase Change Materials (PCM) Sales Market Share by Manufacturer in 2017

Table Europe Advanced Phase Change Materials (PCM) Revenue by Manufacturer (2016-2017)

Figure Europe Advanced Phase Change Materials (PCM) Revenue Market Share by Manufacturer in 2016

Figure Europe Advanced Phase Change Materials (PCM) Revenue Market Share by Manufacturer in 2017

Table Europe Advanced Phase Change Materials (PCM) Sales by Type (2013-2018)

Table Europe Advanced Phase Change Materials (PCM) Sales Share by Type (2013-2018)

Table Europe Advanced Phase Change Materials (PCM) Revenue by Type (2013-2018)

Table Europe Advanced Phase Change Materials (PCM) Revenue Share by Type (2013-2018)

Table Europe Advanced Phase Change Materials (PCM) Sales by Application (2013-2018)

Table Europe Advanced Phase Change Materials (PCM) Sales Share by Application (2013-2018)

Table Europe Advanced Phase Change Materials (PCM) Revenue by Application (2013-2018)

Table Europe Advanced Phase Change Materials (PCM) Revenue Share by Application (2013-2018)

Figure Asia-Pacific Advanced Phase Change Materials (PCM) Revenue and Growth Rate (2013-2018)

Table Asia-Pacific Advanced Phase Change Materials (PCM) Sales by Countries (2013-2018)

Table Asia-Pacific Advanced Phase Change Materials (PCM) Sales Market Share by Countries (2013-2018)

Figure Asia-Pacific Advanced Phase Change Materials (PCM) Sales Market Share by Countries 2017

Table Asia-Pacific Advanced Phase Change Materials (PCM) Revenue by Countries (2013-2018)

Figure Asia-Pacific Advanced Phase Change Materials (PCM) Revenue Market Share by Countries 2017

Figure China Advanced Phase Change Materials (PCM) Sales and Growth Rate (2013-2018)

Figure Japan Advanced Phase Change Materials (PCM) Sales and Growth Rate (2013-2018)

Figure Korea Advanced Phase Change Materials (PCM) Sales and Growth Rate (2013-2018)

Figure India Advanced Phase Change Materials (PCM) Sales and Growth Rate (2013-2018)

Figure Southeast Asia Advanced Phase Change Materials (PCM) Sales and Growth Rate (2013-2018)

Table Asia-Pacific Advanced Phase Change Materials (PCM) Sales by Manufacturer (2016-2017)

Figure Asia-Pacific Advanced Phase Change Materials (PCM) Sales Market Share by Manufacturer in 2016

Figure Asia-Pacific Advanced Phase Change Materials (PCM) Sales Market Share by Manufacturer in 2017

Table Asia-Pacific Advanced Phase Change Materials (PCM) Revenue by Manufacturer

(2016-2017)

Figure Asia-Pacific Advanced Phase Change Materials (PCM) Revenue Market Share by Manufacturer in 2016

Figure Asia-Pacific Advanced Phase Change Materials (PCM) Revenue Market Share by Manufacturer in 2017

Table Asia-Pacific Advanced Phase Change Materials (PCM) Sales by Type (2013-2018)

Table Asia-Pacific Advanced Phase Change Materials (PCM) Sales Share by Type (2013-2018)

Table Asia-Pacific Advanced Phase Change Materials (PCM) Revenue by Type (2013-2018)

Table Asia-Pacific Advanced Phase Change Materials (PCM) Revenue Share by Type (2013-2018)

Table Asia-Pacific Advanced Phase Change Materials (PCM) Sales by Application (2013-2018)

Table Asia-Pacific Advanced Phase Change Materials (PCM) Sales Share by Application (2013-2018)

Table Asia-Pacific Advanced Phase Change Materials (PCM) Revenue by Application (2013-2018)

Table Asia-Pacific Advanced Phase Change Materials (PCM) Revenue Share by Application (2013-2018)

Figure South America Advanced Phase Change Materials (PCM) Revenue and Growth Rate (2013-2018)

Table South America Advanced Phase Change Materials (PCM) Sales by Countries (2013-2018)

Table South America Advanced Phase Change Materials (PCM) Sales Market Share by Countries (2013-2018)

Figure South America Advanced Phase Change Materials (PCM) Sales Market Share by Countries in 2017

Table South America Advanced Phase Change Materials (PCM) Revenue by Countries (2013-2018)

Table South America Advanced Phase Change Materials (PCM) Revenue Market Share by Countries (2013-2018)

Figure South America Advanced Phase Change Materials (PCM) Revenue Market Share by Countries in 2017

Figure Brazil Advanced Phase Change Materials (PCM) Sales and Growth Rate (2013-2018)

Figure Argentina Advanced Phase Change Materials (PCM) Sales and Growth Rate (2013-2018)

Figure Colombia Advanced Phase Change Materials (PCM) Sales and Growth Rate (2013-2018)

Table South America Advanced Phase Change Materials (PCM) Sales by Manufacturer (2016-2017)

Figure South America Advanced Phase Change Materials (PCM) Sales Market Share by Manufacturer in 2016

Figure South America Advanced Phase Change Materials (PCM) Sales Market Share by Manufacturer in 2017

Table South America Advanced Phase Change Materials (PCM) Revenue by Manufacturer (2016-2017)

Figure South America Advanced Phase Change Materials (PCM) Revenue Market Share by Manufacturer in 2016

Figure South America Advanced Phase Change Materials (PCM) Revenue Market Share by Manufacturer in 2017

Table South America Advanced Phase Change Materials (PCM) Sales by Type (2013-2018)

Table South America Advanced Phase Change Materials (PCM) Sales Share by Type (2013-2018)

Table South America Advanced Phase Change Materials (PCM) Revenue by Type (2013-2018)

Table South America Advanced Phase Change Materials (PCM) Revenue Share by Type (2013-2018)

Table South America Advanced Phase Change Materials (PCM) Sales by Application (2013-2018)

Table South America Advanced Phase Change Materials (PCM) Sales Share by Application (2013-2018)

Table South America Advanced Phase Change Materials (PCM) Revenue by Application (2013-2018)

Table South America Advanced Phase Change Materials (PCM) Revenue Share by Application (2013-2018)

Figure Middle East and Africa Advanced Phase Change Materials (PCM) Revenue and Growth Rate (2013-2018)

Table Middle East and Africa Advanced Phase Change Materials (PCM) Sales by Countries (2013-2018)

Table Middle East and Africa Advanced Phase Change Materials (PCM) Sales Market Share by Countries (2013-2018)

Figure Middle East and Africa Advanced Phase Change Materials (PCM) Sales Market Share by Countries in 2017

Table Middle East and Africa Advanced Phase Change Materials (PCM) Revenue by

Countries (2013-2018)

Table Middle East and Africa Advanced Phase Change Materials (PCM) Revenue Market Share by Countries (2013-2018)

Figure Middle East and Africa Advanced Phase Change Materials (PCM) Revenue Market Share by Countries in 2013

Figure Middle East and Africa Advanced Phase Change Materials (PCM) Revenue Market Share by Countries in 2017

Figure Saudi Arabia Advanced Phase Change Materials (PCM) Sales and Growth Rate (2013-2018)

Figure UAE Advanced Phase Change Materials (PCM) Sales and Growth Rate (2013-2018)

Figure Egypt Advanced Phase Change Materials (PCM) Sales and Growth Rate (2013-2018)

Figure Nigeria Advanced Phase Change Materials (PCM) Sales and Growth Rate (2013-2018)

Figure South Africa Advanced Phase Change Materials (PCM) Sales and Growth Rate (2013-2018)

Table Middle East and Africa Advanced Phase Change Materials (PCM) Sales by Manufacturer (2016-2017)

Figure Middle East and Africa Advanced Phase Change Materials (PCM) Sales Market Share by Manufacturer in 2016

Figure Middle East and Africa Advanced Phase Change Materials (PCM) Sales Market Share by Manufacturer in 2017

Table Middle East and Africa Advanced Phase Change Materials (PCM) Revenue by Manufacturer (2016-2017)

Figure Middle East and Africa Advanced Phase Change Materials (PCM) Revenue Market Share by Manufacturer in 2016

Figure Middle East and Africa Advanced Phase Change Materials (PCM) Revenue Market Share by Manufacturer in 2017

Table Middle East and Africa Advanced Phase Change Materials (PCM) Sales by Type (2013-2018)

Table Middle East and Africa Advanced Phase Change Materials (PCM) Sales Share by Type (2013-2018)

Table Middle East and Africa Advanced Phase Change Materials (PCM) Revenue by Type (2013-2018)

Table Middle East and Africa Advanced Phase Change Materials (PCM) Revenue Share by Type (2013-2018)

Table Middle East and Africa Advanced Phase Change Materials (PCM) Sales by Application (2013-2018)

Table Middle East and Africa Advanced Phase Change Materials (PCM) Sales Share by Application (2013-2018)

Table Middle East and Africa Advanced Phase Change Materials (PCM) Revenue by Application (2013-2018)

Table Middle East and Africa Advanced Phase Change Materials (PCM) Revenue Share by Application (2013-2018)

Table Global Advanced Phase Change Materials (PCM) Sales by Type (2013-2018)

Table Global Advanced Phase Change Materials (PCM) Sales Share by Type (2013-2018)

Table Global Advanced Phase Change Materials (PCM) Revenue by Type (2013-2018)

Table Global Advanced Phase Change Materials (PCM) Revenue Share by Type (2013-2018)

Figure Global Organic Sales Growth (2013-2018)

Figure Global Organic Price (2013-2018)

Figure Global Inorganic Sales Growth (2013-2018)

Figure Global Inorganic Price (2013-2018)

Figure Global Bio-based Sales Growth (2013-2018)

Figure Global Bio-based Price (2013-2018)

Table Global Advanced Phase Change Materials (PCM) Sales by Application (2013-2018)

Table Global Advanced Phase Change Materials (PCM) Sales Share by Application (2013-2018)

Figure Global Building & Construction Sales Growth (2013-2018)

Figure Global Refrigeration Sales Growth (2013-2018)

Figure Global Consumer goods Sales Growth (2013-2018)

Figure Global Others Sales Growth (2013-2018)

Figure Global Advanced Phase Change Materials (PCM) Sales, Revenue and Growth Rate (2018-2023)

Table Global Advanced Phase Change Materials (PCM) Sales Forecast by Regions (2018-2023)

Table Global Advanced Phase Change Materials (PCM) Market Share Forecast by Regions (2018-2023)

Figure North America Sales Advanced Phase Change Materials (PCM) Market Forecast (2018-2023)

Figure Europe Sales Advanced Phase Change Materials (PCM) Market Forecast (2018-2023)

Figure Asia-Pacific Sales Advanced Phase Change Materials (PCM) Market Forecast (2018-2023)

Figure South America Sales Advanced Phase Change Materials (PCM) Market

Forecast (2018-2023)

Figure Middle East and Africa Sales Advanced Phase Change Materials (PCM) Market Forecast (2018-2023)

Table Global Advanced Phase Change Materials (PCM) Sales Forecast by Type (2018-2023)

Table Global Advanced Phase Change Materials (PCM) Market Share Forecast by Type (2018-2023)

Table Global Advanced Phase Change Materials (PCM) Sales Forecast by Application (2018-2023)

Table Global Advanced Phase Change Materials (PCM) Market Share Forecast by Application (2018-2023)

Table Distributors/Traders/ Dealers List

I would like to order

Product name: Global (North America, Europe, Asia-Pacific, South America, Middle East and Africa)
Advanced Phase Change Materials (PCM) Market 2018, Forecast to 2023

Product link: <https://marketpublishers.com/r/G632BA09B2AEN.html>

Price: US\$ 4,880.00 (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/G632BA09B2AEN.html>