

Global Advanced Phase Change Material (PCM) Market 2018 by Manufacturers, Regions, Type and Application, Forecast to 2023

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Abstracts

Materials that can store latent heat (energy released or absorbed by a material or a thermodynamic system at constant-temperature process) during the phase transition are called phase change materials (PCMs).

SCOPE OF THE REPORT:

This report focuses on the Advanced Phase Change Material (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.

Global trend towards energy saving, sustainable development and increase demand of biodegradable materials, increasing construction works due to surge in urbanization in Asia Pacific countries and advancement in packaging science is driving the market for advanced PCMs. However, harmful character of chemicals used as PCMs is expected to inhibit the growth of the market. Lack of government inventiveness and encourage in the direction of the growth and expansion of PCM is a major challenge faced by the Advanced PCMs industry.

Europe is the largest market for advanced PCMs followed by North America and Asia Pacific. Whereas increased construction works due to increasing urbanization is expected to boost the advance PCMs market in Asia Pacific region in coming years. Paraffin based advanced PCMs (organic PCMs) holds the largest market share while with increasing concern over environment and stiff regulation against biodegradability, bio-based PCMs are expected to gain the fastest growth in coming years.

The worldwide market for Advanced Phase Change Material (PCM) is expected to grow

at a CAGR of roughly xx% over the next five years, will reach xx million US\$ in 2023, from xx million US\$ in 2017, according to a new GIR (Global Info Research) study.

Market Segment by Manufacturers, this report covers

Advansa

BASF

Ciat Group

Emco Klimatechnik

Ewald Dörken

Honeywell Electronic Materials

Laird

Outlast Technologies

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

Inorganic

Organic

Bio-Based

Market Segment by Applications, can be divided into

Building & Construction

Cold Storage

HVAC

Textile

Thermal Energy Storage

Electronics

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

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

Chapter 2, to analyze the top manufacturers of Advanced Phase Change Material (PCM), with sales, revenue, and price of Advanced Phase Change Material (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 Material (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 Material (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 Material (PCM) sales channel, distributors, traders, dealers, Research Findings and Conclusion, appendix and data source

Contents

1 MARKET OVERVIEW

- 1.1 Advanced Phase Change Material (PCM) Introduction
- 1.2 Market Analysis by Type
 - 1.2.1 Inorganic
 - 1.2.2 Organic
 - 1.2.3 Bio-Based
- 1.3 Market Analysis by Applications
 - 1.3.1 Building & Construction
 - 1.3.2 Cold Storage
 - 1.3.3 HVAC
 - 1.3.4 Textile
 - 1.3.5 Thermal Energy Storage
 - 1.3.6 Electronics
- 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 Advansa

2.1.1 Business Overview

2.1.2 Advanced Phase Change Material (PCM) Type and Applications

2.1.2.1 Product A

2.1.2.2 Product B

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

2.2 BASF

2.2.1 Business Overview

2.2.2 Advanced Phase Change Material (PCM) Type and Applications

2.2.2.1 Product A

2.2.2.2 Product B

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

2.3 Ciat Group

2.3.1 Business Overview

2.3.2 Advanced Phase Change Material (PCM) Type and Applications

2.3.2.1 Product A

2.3.2.2 Product B

2.3.3 Ciat Group Advanced Phase Change Material (PCM) Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

2.4 Emco Klimatechnik

2.4.1 Business Overview

2.4.2 Advanced Phase Change Material (PCM) Type and Applications

2.4.2.1 Product A

2.4.2.2 Product B

2.4.3 Emco Klimatechnik Advanced Phase Change Material (PCM) Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

2.5 Ewald Dörken

2.5.1 Business Overview

2.5.2 Advanced Phase Change Material (PCM) Type and Applications

2.5.2.1 Product A

2.5.2.2 Product B

2.5.3 Ewald Draken Advanced Phase Change Material (PCM) Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

2.6 Honeywell Electronic Materials

2.6.1 Business Overview

2.6.2 Advanced Phase Change Material (PCM) Type and Applications

2.6.2.1 Product A

2.6.2.2 Product B

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

2.7 Laird

2.7.1 Business Overview

2.7.2 Advanced Phase Change Material (PCM) Type and Applications

2.7.2.1 Product A

2.7.2.2 Product B

2.7.3 Laird Advanced Phase Change Material (PCM) Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

2.8 Outlast Technologies

2.8.1 Business Overview

2.8.2 Advanced Phase Change Material (PCM) Type and Applications

2.8.2.1 Product A

2.8.2.2 Product B

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

3 GLOBAL ADVANCED PHASE CHANGE MATERIAL (PCM) SALES, REVENUE, MARKET SHARE AND COMPETITION BY MANUFACTURER (2016-2017)

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

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

3.3 Market Concentration Rate

3.3.1 Top 3 Advanced Phase Change Material (PCM) Manufacturer Market Share in 2017

3.3.2 Top 6 Advanced Phase Change Material (PCM) Manufacturer Market Share in 2017

3.4 Market Competition Trend

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

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

4.1.1 Global Advanced Phase Change Material (PCM) Sales and Market Share by Regions (2013-2018)

4.1.2 Global Advanced Phase Change Material (PCM) Revenue and Market Share by Regions (2013-2018)

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

4.3 Europe Advanced Phase Change Material (PCM) Sales and Growth Rate (2013-2018)

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

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

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

5 NORTH AMERICA ADVANCED PHASE CHANGE MATERIAL (PCM) BY COUNTRIES

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

5.1.1 North America Advanced Phase Change Material (PCM) Sales and Market Share by Countries (2013-2018)

5.1.2 North America Advanced Phase Change Material (PCM) Revenue and Market Share by Countries (2013-2018)

5.2 United States Advanced Phase Change Material (PCM) Sales and Growth Rate (2013-2018)

5.3 Canada Advanced Phase Change Material (PCM) Sales and Growth Rate (2013-2018)

5.4 Mexico Advanced Phase Change Material (PCM) Sales and Growth Rate (2013-2018)

6 EUROPE ADVANCED PHASE CHANGE MATERIAL (PCM) BY COUNTRIES

6.1 Europe Advanced Phase Change Material (PCM) Sales, Revenue and Market

Share by Countries

6.1.1 Europe Advanced Phase Change Material (PCM) Sales and Market Share by Countries (2013-2018)

6.1.2 Europe Advanced Phase Change Material (PCM) Revenue and Market Share by Countries (2013-2018)

6.2 Germany Advanced Phase Change Material (PCM) Sales and Growth Rate (2013-2018)

6.3 UK Advanced Phase Change Material (PCM) Sales and Growth Rate (2013-2018)

6.4 France Advanced Phase Change Material (PCM) Sales and Growth Rate (2013-2018)

6.5 Russia Advanced Phase Change Material (PCM) Sales and Growth Rate (2013-2018)

6.6 Italy Advanced Phase Change Material (PCM) Sales and Growth Rate (2013-2018)

7 ASIA-PACIFIC ADVANCED PHASE CHANGE MATERIAL (PCM) BY COUNTRIES

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

7.1.1 Asia-Pacific Advanced Phase Change Material (PCM) Sales and Market Share by Countries (2013-2018)

7.1.2 Asia-Pacific Advanced Phase Change Material (PCM) Revenue and Market Share by Countries (2013-2018)

7.2 China Advanced Phase Change Material (PCM) Sales and Growth Rate (2013-2018)

7.3 Japan Advanced Phase Change Material (PCM) Sales and Growth Rate (2013-2018)

7.4 Korea Advanced Phase Change Material (PCM) Sales and Growth Rate (2013-2018)

7.5 India Advanced Phase Change Material (PCM) Sales and Growth Rate (2013-2018)

7.6 Southeast Asia Advanced Phase Change Material (PCM) Sales and Growth Rate (2013-2018)

8 SOUTH AMERICA ADVANCED PHASE CHANGE MATERIAL (PCM) BY COUNTRIES

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

8.1.1 South America Advanced Phase Change Material (PCM) Sales and Market Share by Countries (2013-2018)

8.1.2 South America Advanced Phase Change Material (PCM) Revenue and Market Share by Countries (2013-2018)

8.2 Brazil Advanced Phase Change Material (PCM) Sales and Growth Rate (2013-2018)

8.3 Argentina Advanced Phase Change Material (PCM) Sales and Growth Rate (2013-2018)

8.4 Colombia Advanced Phase Change Material (PCM) Sales and Growth Rate (2013-2018)

9 MIDDLE EAST AND AFRICA ADVANCED PHASE CHANGE MATERIAL (PCM) BY COUNTRIES

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

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

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

9.2 Saudi Arabia Advanced Phase Change Material (PCM) Sales and Growth Rate (2013-2018)

9.3 UAE Advanced Phase Change Material (PCM) Sales and Growth Rate (2013-2018)

9.4 Egypt Advanced Phase Change Material (PCM) Sales and Growth Rate (2013-2018)

9.5 Nigeria Advanced Phase Change Material (PCM) Sales and Growth Rate (2013-2018)

9.6 South Africa Advanced Phase Change Material (PCM) Sales and Growth Rate (2013-2018)

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

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

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

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

10.2 Inorganic Sales Growth and Price

10.2.1 Global Inorganic Sales Growth (2013-2018)

- 10.2.2 Global Inorganic Price (2013-2018)
- 10.3 Organic Sales Growth and Price
 - 10.3.1 Global Organic Sales Growth (2013-2018)
 - 10.3.2 Global Organic 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 MATERIAL (PCM) MARKET SEGMENT BY APPLICATION

- 11.1 Global Advanced Phase Change Material (PCM) Sales Market Share by Application (2013-2018)
- 11.2 Building & Construction Sales Growth (2013-2018)
- 11.3 Cold Storage Sales Growth (2013-2018)
- 11.4 HVAC Sales Growth (2013-2018)
- 11.5 Textile Sales Growth (2013-2018)
- 11.6 Thermal Energy Storage Sales Growth (2013-2018)
- 11.7 Electronics Sales Growth (2013-2018)

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

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

12.3.2 Global Advanced Phase Change Material (PCM) Market Share Forecast by Type (2018-2023)

12.4 Advanced Phase Change Material (PCM) Market Forecast by Application (2018-2023)

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

12.4.2 Global Advanced Phase Change Material (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 Material (PCM) Picture

Table Product Specifications of Advanced Phase Change Material (PCM)

Figure Global Sales Market Share of Advanced Phase Change Material (PCM) by Types in 2017

Table Advanced Phase Change Material (PCM) Types for Major Manufacturers

Figure Inorganic Picture

Figure Organic Picture

Figure Bio-Based Picture

Figure Advanced Phase Change Material (PCM) Sales Market Share by Applications in 2017

Figure Building & Construction Picture

Figure Cold Storage Picture

Figure HVAC Picture

Figure Textile Picture

Figure Thermal Energy Storage Picture

Figure Electronics Picture

Figure United States Advanced Phase Change Material (PCM) Revenue (Value) and Growth Rate (2013-2023)

Figure Canada Advanced Phase Change Material (PCM) Revenue (Value) and Growth Rate (2013-2023)

Figure Mexico Advanced Phase Change Material (PCM) Revenue (Value) and Growth Rate (2013-2023)

Figure Germany Advanced Phase Change Material (PCM) Revenue (Value) and Growth Rate (2013-2023)

Figure France Advanced Phase Change Material (PCM) Revenue (Value) and Growth Rate (2013-2023)

Figure UK Advanced Phase Change Material (PCM) Revenue (Value) and Growth Rate (2013-2023)

Figure Russia Advanced Phase Change Material (PCM) Revenue (Value) and Growth Rate (2013-2023)

Figure Italy Advanced Phase Change Material (PCM) Revenue (Value) and Growth Rate (2013-2023)

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

Figure Japan Advanced Phase Change Material (PCM) Revenue (Value) and Growth

Rate (2013-2023)

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

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

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

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

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

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

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

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

Table Advansa Basic Information, Manufacturing Base and Competitors

Table Advansa Advanced Phase Change Material (PCM) Type and Applications

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

Table BASF Basic Information, Manufacturing Base and Competitors

Table BASF Advanced Phase Change Material (PCM) Type and Applications

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

Table Ciat Group Basic Information, Manufacturing Base and Competitors

Table Ciat Group Advanced Phase Change Material (PCM) Type and Applications

Table Ciat Group Advanced Phase Change Material (PCM) Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

Table Emco Klimatechnik Basic Information, Manufacturing Base and Competitors

Table Emco Klimatechnik Advanced Phase Change Material (PCM) Type and Applications

Table Emco Klimatechnik Advanced Phase Change Material (PCM) Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

Table Ewald Dörken Basic Information, Manufacturing Base and Competitors

Table Ewald Dörken Advanced Phase Change Material (PCM) Type and Applications

Table Ewald Dörken Advanced Phase Change Material (PCM) Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

Table Honeywell Electronic Materials Basic Information, Manufacturing Base and

Competitors

Table Honeywell Electronic Materials Advanced Phase Change Material (PCM) Type and Applications

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

Table Laird Basic Information, Manufacturing Base and Competitors

Table Laird Advanced Phase Change Material (PCM) Type and Applications

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

Table Outlast Technologies Basic Information, Manufacturing Base and Competitors

Table Outlast Technologies Advanced Phase Change Material (PCM) Type and Applications

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

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

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

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

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

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

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

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

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

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

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

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

Table Global Advanced Phase Change Material (PCM) Sales Market Share by Regions (2013-2018)

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Figure Europe Advanced Phase Change Material (PCM) Revenue and Growth Rate

(2013-2018)

Table Europe Advanced Phase Change Material (PCM) Sales by Countries

(2013-2018)

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Figure Middle East and Africa Advanced Phase Change Material (PCM) Revenue

Market Share by Countries in 2017

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

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

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

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

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

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

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

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

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

Figure Global Inorganic Sales Growth (2013-2018)

Figure Global Inorganic Price (2013-2018)

Figure Global Organic Sales Growth (2013-2018)

Figure Global Organic Price (2013-2018)

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

Figure Global Bio-Based Price (2013-2018)

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

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

Figure Global Cold Storage Sales Growth (2013-2018)

Figure Global HVAC Sales Growth (2013-2018)

Figure Global Textile Sales Growth (2013-2018)

Figure Global Thermal Energy Storage Sales Growth (2013-2018)

Figure Global Electronics Sales Growth (2013-2018)

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

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

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

Figure North America Sales Advanced Phase Change Material (PCM) Market Forecast

(2018-2023)

Figure Europe Sales Advanced Phase Change Material (PCM) Market Forecast

(2018-2023)

Figure Asia-Pacific Sales Advanced Phase Change Material (PCM) Market Forecast

(2018-2023)

Figure South America Sales Advanced Phase Change Material (PCM) Market Forecast

(2018-2023)

Figure Middle East and Africa Sales Advanced Phase Change Material (PCM) Market

Forecast (2018-2023)

Table Global Advanced Phase Change Material (PCM) Sales Forecast by Type

(2018-2023)

Table Global Advanced Phase Change Material (PCM) Market Share Forecast by Type

(2018-2023)

Table Global Advanced Phase Change Material (PCM) Sales Forecast by Application

(2018-2023)

Table Global Advanced Phase Change Material (PCM) Market Share Forecast by

Application (2018-2023)

Table Distributors/Traders/ Dealers List

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