

Advanced Phase Change Materials Market Analysis By Application (Building & Construction, Commercial Refrigeration, HVAC, Energy Storage And Shipping & Transportation) And Segment Forecasts To 2020

<https://marketpublishers.com/r/AA711A345CFEN.html>

Date: May 2014

Pages: 91

Price: US\$ 5,950.00 (Single User License)

ID: AA711A345CFEN

Abstracts

The global market for advanced phase change material is expected to reach USD 1,765.8 million by 2020, according to a new study by Grand View Research, Inc. Growing need to conserve energy across various industries and sector is expected to be one of the major driving factors for the market. In addition, stringent regulations imposed on various industries to reduce green house gases emission has also helped in developing the market for advanced phase change material. Consumption of APCM is expected to reduce the overall demand for energy by up to 50% by 2050. However, their high price compared to other insulating materials owing to lack of awareness among the consumers in under developed countries is expected to hinder market growth over the forecast period.

Paraffin APCM material emerged as the leading product and accounted for over half of total market revenue in 2012. Paraffin has high heat storing capacity and are also stable in nature owing to which they are expected to witness significant growth over the forecast period. However, bio-based APCM is expected to be the fastest growing product at an estimated CAGR of 22.5% from 2014 to 2020. Increased preference towards environmental friendly materials mainly in North America and Europe is expected to drive the market for bio-based APCM over the next six years.

Further key findings from the study suggest:

Building and construction emerged as the leading application market for APCM and accounted for 25% of total revenue in 2013. Growth of construction industry, mainly in

China, India and Brazil is expected to drive the overall market for APCM in this industry. Building and construction along with being the largest market is also expected to be the fastest growing application market for APCM, at an estimated CAGR of 22.7% over the next six years.

Application of APCM in energy storage is also expected to gain significant market over the next six years, with global revenue expected to exceed USD 250 million by 2020 at an estimated CAGR of 21.3% from 2014 to 2020.

Europe was the largest regional market for APCM and accounted for just over one third of global revenue in 2013. Growing need to conserve energy coupled with stringent regulations to reduce/minimize emission of harmful gases has contributed to the growth of this market. Along with being the largest market, Europe is also expected to be the fastest growing market for APCM, at an estimated CAGR of 21.4% from 2014 to 2020.

Some of the major companies operating in the global market for advanced phase change material include Advansa B.V., BASF, Cyropak, Climator Sweden AB, Dow Building Solution, E.I. du Pont de Nemours & Company, Honeywell International, Phase Change Products Pty Ltd., Rubitherm Technologies GmbH and Salca BV.

Contents

CHAPTER 1 EXECUTIVE SUMMARY

1.1 APCM - Industry Summary & Critical Success Factors (CSFs)

CHAPTER 2 APCM INDUSTRY OUTLOOK

2.1 Market Segmentation

2.2 Market Size and Growth Prospects

2.3 APCM Value Chain Analysis

2.4 APCM Market Dynamics

2.4.1 Market driver analysis

2.4.1.1 Growing building and construction industry

2.4.1.2 Regulatory support

2.4.1.3 Reduction in GHG

2.4.2 Market restraint analysis

2.4.2.1 Environmental hazards

2.5 Key Opportunities Prioritized

2.6 Industry Analysis - Porter's

2.7 APCM - PESTEL Analysis

CHAPTER 3 APCM PRODUCT OUTLOOK

3.1 Paraffin

3.1.1 Global paraffin APCM market revenue, 2012 - 2020 (USD Million)

3.2 Salt Hydrates

3.2.1 Global salt hydrate PCM market revenue, 2012 - 2020 (USD Million)

3.3 Other

3.3.1 Global other PCM market revenue, 2012 - 2020 (USD Million)

CHAPTER 4 APCM APPLICATION OUTLOOK

4.1 Building and Construction

4.1.1 Global demand for APCM in building and construction, 2012 - 2020 (USD Million)

4.2 Commercial Refrigeration

4.2.1 Global demand for APCM in commercial refrigeration, 2012 - 2020 (USD Million)

4.3 HVAC

4.3.1 Global demand for APCM in HVAC, 2012 - 2020 (USD Million)

4.4 Energy Storage

4.4.1 Global demand for APCM in energy storage, 2012 - 2020 (USD Million)

4.5 Shipping and Transportation

4.5.1 Global demand for APCM in shipping and transportation, 2012 - 2020 (USD Million)

4.6 Shipping and Transportation

4.6.1 Global demand for APCM in other application, 2012 - 2020 (USD Million)

CHAPTER 5 APCM REGIONAL OUTLOOK

5.1 North America

5.1.1 North America APCM market revenue, 2012 - 2020, (USD Million)

5.1.2 North America APCM market revenue, by application, 2012 - 2020, (USD Million)

5.2 Europe

5.2.1 Europe APCM market revenue, 2012 - 2020, (USD Million)

5.2.2 Europe APCM market revenue, by application, 2012 - 2020, (USD Million)

5.3 Asia Pacific

5.3.1 Asia Pacific APCM market revenue, 2012 - 2020, (USD Million)

5.3.2 Asia Pacific APCM market revenue, by application, 2012 - 2020, (USD Million)

5.5 RoW

5.5.1 RoW APCM market revenue, 2012 - 2020, (USD Million)

5.5.2 RoW APCM market revenue, by application, 2012 - 2020, (USD Million)

CHAPTER 6 APCM COMPETITIVE LANDSCAPE

6.1 BASF

6.1.1 Company Overview

6.1.2 Financial Performance

6.1.3 Product Benchmarking

6.1.4 Strategic Initiatives

6.2 Advansa

6.2.1 Company Overview

6.2.2 Financial Performance

6.2.3 Product Benchmarking

6.2.4 Strategic Initiatives

6.3 Cryopak

6.3.1 Company Overview

6.3.2 Financial Performance

6.3.3 Product Benchmarking

- 6.3.4 Strategic Initiatives
- 6.4 Honeywell
 - 6.4.1 Company Overview
 - 6.4.2 Financial Performance
 - 6.4.3 Product Benchmarking
 - 6.4.4 Strategic Initiatives
- 6.5 Outlast Technologies
 - 6.5.1 Company Overview
 - 6.5.2 Financial Performance
 - 6.5.3 Product Benchmarking
 - 6.5.4 Strategic Initiatives
- 6.6 DuPont.
 - 6.6.1 Company Overview
 - 6.6.2 Financial Performance
 - 6.6.3 Product Benchmarking
 - 6.6.4 Strategic Initiatives
- 6.7 Climator Sweden AB
 - 6.7.1 Company Overview
 - 6.7.2 Financial Performance
 - 6.7.3 Product Benchmarking
 - 6.7.4 Strategic Initiatives
- 6.8 PCM Energy Ltd
 - 6.8.1 Company Overview
 - 6.8.2 Financial Performance
 - 6.8.3 Product Benchmarking
 - 6.8.4 Strategic Initiatives
- 6.9 Rubitherm Technologies GmbH
 - 6.9.1 Company Overview
 - 6.9.2 Financial Performance
 - 6.9.3 Product Benchmarking
 - 6.9.4 Strategic Initiatives
- 6.10 Dow Building Solutions
 - 6.10.1 Company Overview
 - 6.10.2 Financial Performance
 - 6.10.3 Product Benchmarking
 - 6.10.4 Strategic Initiatives

CHAPTER 7 METHODOLOGY AND SCOPE

- 7.1 Research Methodology
- 7.2 Research Scope & Assumption
- 7.3 List of Data Sources

I would like to order

Product name: Advanced Phase Change Materials Market Analysis By Application (Building & Construction, Commercial Refrigeration, HVAC, Energy Storage And Shipping & Transportation) And Segment Forecasts To 2020

Product link: <https://marketpublishers.com/r/AA711A345CFEN.html>

Price: US\$ 5,950.00 (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/AA711A345CFEN.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