

Phase Change Material Market: Trends, Opportunities and Competitive Analysis [2023-2028]

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Abstracts

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Global Phase Change Material Market Trends and Forecast

The future of the global phase change material market looks promising with opportunities in the building and construction, HVAC, cold chain and packaging, thermal energy storage, electronics, textile, and other end use industries. The global phase change material market is expected to reach an estimated \$1.5 billion by 2028 with a CAGR of 16.1% from 2023 to 2028. The major drivers for this market are growth in the construction industry, increasing demand for thermal packaging, and strict regulations for reducing carbon footprints.

Emerging Trends of Global Phase Change Material Market

A total of 78 figures / charts and 50 tables are provided in this 173-page report to help in your business decisions. A sample figure with insights is shown below.

Global Phase Change Material Market by Segment

The study includes a forecast for the global phase change material market by product form, end use industry, and region as follows:

Global Phase Change Material Market by End Use Industry [Value (\$M) shipment analysis for 2017 – 2028]:

Organic

Inorganic

Bio-based and Others

Global Phase Change Material Market by End Use Industry [Value (\$M) shipment analysis for 2017 – 2028]:

Building and Construction

HVAC

Cold Chain and Packaging

Thermal Energy Storage

Electronics

Textile

Others

Global Phase Change Material Market by Region [Value (\$M) analysis for 2017 – 2028]:

o North America

o United States

o Canada

o Mexico

o Europe

o Germany

o France

- o Italy
- o United Kingdom
- o Spain
- o Asia Pacific
- o China
- o Japan
- o India
- o South Korea

The Rest of the World

- o South America
- o Middle East
- o South Africa

List of Global Phase Change Material Market Companies

Companies in the market compete on the basis of product quality offered. Major players in this market focus on expanding their manufacturing facilities, R&D investments, infrastructural development, and leverage integration opportunities across the value chain. With these strategies global phase change material companies cater increasing demand, ensure competitive effectiveness, develop innovative products & technologies, reduce production costs, and expand their customer base. Some of the global phase change material companies profiled in this report includes.

Honeywell

DuPont

Sasol

Croda

PureTemp

Pluss Advanced Technologies

Phase Change Energy Solutions

Rubitherm Technologies

Phase Change Materials Products

Outlast Technologies

Global Phase Change Material Market Insight

Lucintel forecasts that organic will remain the largest segment over the forecast period due to the growing usage of paraffin waxes for electronics thermal management.

Within this market, building and construction will remain the largest segment by end use industry over the forecast period due to increasing usage of phase change materials for reducing the energy consumption of buildings.

Europe will remain the largest market over the forecast period due to increasing demand from green building construction and development in the region.

Features of Global Phase Change Material Market

Market Size Estimates: Phase change material market size estimation in terms of value (\$M)

Trend and Forecast Analysis: Market trends (2017-2022) and forecast (2023-2028) by various segments and regions.

Segmentation Analysis: Market size by product form and end use industry.

Regional Analysis: Phase change material market breakdown by North America, Europe, Asia Pacific, and the Rest of the World.

Growth Opportunities: Analysis of growth opportunities in different product form, end use industry, and regions for the global phase change material market.

Strategic Analysis: This includes M&A, new product development, and competitive landscape for the global phase change material market.

Analysis of competitive intensity of the industry based on Porter's Five Forces model.

FAQ

Q1. What is the global phase change material market size?

Answer: The global phase change material market is expected to reach an estimated \$1.5 billion by 2028.

Q2. What is the growth forecast for global phase change material market?

Answer: The global phase change material market is expected to grow at a CAGR of 16.1% from 2023 to 2028.

Q3. What are the major drivers influencing the growth of the global phase change material market?

Answer: The major drivers for this market are growth in the construction industry, increasing demand for thermal packaging, and strict regulations for reducing carbon footprints.

Q4. What are the major applications or end use industries for global phase change material market?

Answer: Building and construction is the major end use industry for global phase change

material market.

Q5. Who are the key global phase change material companies?

Answer: Some of the key global phase change material companies are as follows:

Honeywell

DuPont

Sasol

Croda

PureTemp

Pluss Advanced Technologies

Phase Change Energy Solutions

Rubitherm Technologies

Phase Change Materials Products

Outlast Technologies

Q6. Which global phase change material product form segment will be the largest in future?

Answer: Lucintel forecasts that organic will remain the largest segment over the forecast period due to the growing usage of paraffin waxes for electronics thermal management.

Q7: In global phase change material market, which region is expected to be the largest in next 5 years?

Answer: Europe is expected to remain the largest region and witness the good growth over next 5 years

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Answer: Yes, Lucintel provides 10% Customization Without any Additional Cost.

This report answers following 11 key questions

Q.1 What are some of the most promising potential, high growth opportunities for the global phase change material market by product form (organic, inorganic, and bio-based and others), end use industry (building and construction, HVAC, cold chain and packaging, thermal energy storage, electronics, textile, and others), and region (North America, Europe, Asia Pacific, and the Rest of the World)?

Q. 2 Which segments will grow at a faster pace and why?

Q.3 Which regions will grow at a faster pace and why?

Q.4 What are the key factors affecting market dynamics? What are the drivers and challenges of the market?

Q.5 What are the business risks and threats to the market?

Q.6 What are the emerging trends in this market and the reasons behind them?

Q.7 What are the changing demands of customers in the market?

Q.8 What are the new developments in the market? Which companies are leading these developments?

Q.9 Who are the major players in this market? What strategic initiatives are being implemented by key players for business growth?

Q.10 What are some of the competitive products and processes in this area and how big of a threat do they pose for loss of market share via material or product substitution?

Q.11 What M & A activities have taken place in the last 5 years in this market?

For any questions related to phase change material market or related to phase change material companies, phase change material market size, phase change material market share, phase change material analysis, write Lucintel analyst at email:

helpdesk@lucintel.com we will be glad to get back to you soon.

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