

Global Phase Change Thermoregulation Microcapsule Market Research Report 2025(Status and Outlook)

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Abstracts

Report Overview

Phase change thermoregulation microcapsules are microcapsules coated with specific phase change materials through a special process. Utilizing the solid-liquid phase change of phase change materials, the phase change materials absorb or release a large amount of latent heat, which can maintain a constant temperature of the microcapsules, thereby achieving the effect of intelligent temperature regulation.

The global Phase Change Thermoregulation Microcapsule market size was estimated at USD 285.4 million in 2024 and is projected to grow at a compound annual growth rate (CAGR) of 8.45% during the forecast period.

This report offers a comprehensive and in-depth analysis of the global Phase Change Thermoregulation Microcapsule market, covering all critical facets from a broad macroeconomic overview to detailed micro-level insights. It examines market size, competitive landscape, emerging development trends, niche segments, key drivers and challenges, as well as conducts SWOT and value chain analyses.

The insights provided enable readers to understand the competitive dynamics within the industry and formulate effective strategies to enhance profitability and market positioning. Additionally, the report presents a clear framework for evaluating the current status and future outlook of business organizations operating in this sector.

A significant focus of this report lies in the competitive landscape of the global Phase Change Thermoregulation Microcapsule market. It offers detailed profiles of major players, including their market shares, performance metrics, product portfolios, and

operational status. This enables stakeholders to identify leading competitors and gain a nuanced understanding of market rivalry and structure.

In summary, this report serves as an essential resource for industry participants, investors, researchers, consultants, and business strategists, as well as anyone planning to enter or expand their presence in the Phase Change Thermoregulation Microcapsule market

Global Phase Change Thermoregulation Microcapsule Market: Market Segmentation Analysis

This research report provides a detailed segmentation of the market by region (country), key manufacturers, product type, and application. Market segmentation divides the overall market into distinct subsets based on factors such as product categories, end-user industries, geographic locations, and other relevant criteria.

A clear understanding of these market segments enables decision-makers to tailor their product development, sales, and marketing strategies more effectively to meet the unique needs of each segment. Leveraging market segmentation insights can significantly enhance targeted approaches, optimize resource allocation, and accelerate product innovation cycles by aligning offerings with the specific demands of diverse customer groups.

Key Company

Daehyun
WIAT
Hefei Ruixue New Material Technology
Thermalcare
Anhui Microdelivery
Hubei Xingfa Chemicals Group
Beijing Yutian
Changzhou Meisheng Biomaterials
Hubei Saimo New Energy
FORSHEEN

Market Segmentation (by Type)

Slurry Type
Powder Type

Market Segmentation (by Application)

Textile
Thermal Management
Cold Chain
Architecture
Electric Power
Others

Geographic Segmentation

North America (USA, Canada, Mexico)

Europe (Germany, UK, France, Russia, Italy, Rest of Europe)

Asia-Pacific (China, Japan, South Korea, India, Southeast Asia, Rest of Asia-Pacific)

South America (Brazil, Argentina, Columbia, Rest of South America)

The Middle East and Africa (Saudi Arabia, UAE, Egypt, Nigeria, South Africa, Rest of MEA)

Key Benefits of This Market Research:

Industry drivers, restraints, and opportunities covered in the study

Neutral perspective on the market performance

Recent industry trends and developments

Competitive landscape & strategies of key players

Potential & niche segments and regions exhibiting promising growth covered

Historical, current, and projected market size, in terms of value

In-depth analysis of the Phase Change Thermoregulation Microcapsule Market

Overview of the regional outlook of the Phase Change Thermoregulation Microcapsule Market.

Customization of the Report

In case of any queries or customization requirements, please connect with our sales team, who will ensure that your requirements are met.

Chapter Outline

Chapter 1 mainly introduces the statistical scope of the report, market division standards, and market research methods.

Chapter 2 is an executive summary of different market segments (by region, product type, application, etc), including the market size of each market segment, future development potential, and so on. It offers a high-level view of the current state of the Phase Change Thermoregulation Microcapsule Market and its likely evolution in the short to mid-term, and long term.

Chapter 3 makes a detailed analysis of the market's competitive landscape of the market and provides the market share, capacity, output, price, latest development plan, merger, and acquisition information of the main manufacturers in the market.

Chapter 4 is the analysis of the whole market industrial chain, including the upstream and downstream of the industry, as well as Porter's five forces analysis.

Chapter 5 introduces the latest developments of the market, the driving factors and restrictive factors of the market, the challenges and risks faced by manufacturers in the industry, and the analysis of relevant policies in the industry.

Chapter 6 provides the analysis of various market segments according to product types, covering the market size and development potential of each market segment, to help readers find the blue ocean market in different market segments.

Chapter 7 provides the analysis of various market segments according to application,

covering the market size and development potential of each market segment, to help readers find the blue ocean market in different downstream markets.

Chapter 8 provides a quantitative analysis of the market size and development potential of each region and its main countries and introduces the market development, future development prospects, market space, and capacity of each country in the world.

Chapter 9 shares the main producing countries of Phase Change Thermoregulation Microcapsule, their output value, profit level, regional supply, production capacity layout, etc. from the supply side.

Chapter 10 introduces the basic situation of the main companies in the market in detail, including product sales revenue, sales volume, price, gross profit margin, market share, product introduction, recent development, etc.

Chapter 11 provides a quantitative analysis of the market size and development potential of each region in the next five years.

Chapter 12 provides a quantitative analysis of the market size and development potential of each market segment in the next five years.

Chapter 13 is the main points and conclusions of the report.

Key Reasons to Buy this Report:

Access to date statistics compiled by our researchers. These provide you with historical and forecast data, which is analyzed to tell you why your market is set to change

This enables you to anticipate market changes to remain ahead of your competitors

You will be able to copy data from the Excel spreadsheet straight into your marketing plans, business presentations, or other strategic documents

The concise analysis, clear graph, and table format will enable you to pinpoint the information you require quickly

Provision of market value data for each segment and sub-segment

Indicates the region and segment that is expected to witness the fastest growth as well as to dominate the market

Analysis by geography highlighting the consumption of the product/service in the region as well as indicating the factors that are affecting the market within each region

Competitive landscape which incorporates the market ranking of the major players, along with new service/product launches, partnerships, business expansions, and acquisitions in the past five years of companies profiled

Extensive company profiles comprising of company overview, company insights, product benchmarking, and SWOT analysis for the major market players

The current as well as the future market outlook of the industry concerning recent developments which involve growth opportunities and drivers as well as challenges and restraints of both emerging as well as developed regions

Includes in-depth analysis of the market from various perspectives through Porter's five forces analysis

Provides insight into the market through Value Chain

Market dynamics scenario, along with growth opportunities of the market in the years to come

6-month post-sales analyst support

Customization of the Report

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Contents

1 RESEARCH METHODOLOGY AND STATISTICAL SCOPE

1.1 Market Definition and Statistical Scope of Phase Change Thermoregulation Microcapsule

1.2 Key Market Segments

1.2.1 Phase Change Thermoregulation Microcapsule Segment by Type

1.2.2 Phase Change Thermoregulation Microcapsule Segment by Application

1.3 Methodology & Sources of Information

1.3.1 Research Methodology

1.3.2 Research Process

1.3.3 Market Breakdown and Data Triangulation

1.3.4 Base Year

1.3.5 Report Assumptions & Caveats

2 PHASE CHANGE THERMOREGULATION MICROCAPSULE MARKET OVERVIEW

2.1 Global Market Overview

2.1.1 Global Phase Change Thermoregulation Microcapsule Market Size (M USD) Estimates and Forecasts (2020-2033)

2.1.2 Global Phase Change Thermoregulation Microcapsule Sales Estimates and Forecasts (2020-2033)

2.2 Market Segment Executive Summary

2.3 Global Market Size by Region

3 PHASE CHANGE THERMOREGULATION MICROCAPSULE MARKET COMPETITIVE LANDSCAPE

3.1 Company Assessment Quadrant

3.2 Global Phase Change Thermoregulation Microcapsule Product Life Cycle

3.3 Global Phase Change Thermoregulation Microcapsule Sales by Manufacturers (2020-2025)

3.4 Global Phase Change Thermoregulation Microcapsule Revenue Market Share by Manufacturers (2020-2025)

3.5 Phase Change Thermoregulation Microcapsule Market Share by Company Type (Tier 1, Tier 2, and Tier 3)

3.6 Global Phase Change Thermoregulation Microcapsule Average Price by Manufacturers (2020-2025)

- 3.7 Manufacturers? Manufacturing Sites, Areas Served, and Product Types
- 3.8 Phase Change Thermoregulation Microcapsule Market Competitive Situation and Trends
 - 3.8.1 Phase Change Thermoregulation Microcapsule Market Concentration Rate
 - 3.8.2 Global 5 and 10 Largest Phase Change Thermoregulation Microcapsule Players
- Market Share by Revenue
 - 3.8.3 Mergers & Acquisitions, Expansion

4 PHASE CHANGE THERMOREGULATION MICROCAPSULE INDUSTRY CHAIN ANALYSIS

- 4.1 Phase Change Thermoregulation Microcapsule Industry Chain Analysis
- 4.2 Market Overview of Key Raw Materials
- 4.3 Midstream Market Analysis
- 4.4 Downstream Customer Analysis

5 THE DEVELOPMENT AND DYNAMICS OF PHASE CHANGE THERMOREGULATION MICROCAPSULE MARKET

- 5.1 Key Development Trends
- 5.2 Driving Factors
- 5.3 Market Challenges
- 5.4 Industry News
 - 5.4.1 New Product Developments
 - 5.4.2 Mergers & Acquisitions
 - 5.4.3 Expansions
 - 5.4.4 Collaboration/Supply Contracts
- 5.5 PEST Analysis
 - 5.5.1 Industry Policies Analysis
 - 5.5.2 Economic Environment Analysis
 - 5.5.3 Social Environment Analysis
 - 5.5.4 Technological Environment Analysis
- 5.6 Global Phase Change Thermoregulation Microcapsule Market Porter's Five Forces Analysis
 - 5.6.1 Global Trade Frictions
 - 5.6.2 U.S. Tariff Policy ? April 2025
 - 5.6.3 Global Trade Frictions and Their Impacts to Phase Change Thermoregulation Microcapsule Market
- 5.7 ESG Ratings of Leading Companies

6 PHASE CHANGE THERMOREGULATION MICROCAPSULE MARKET SEGMENTATION BY TYPE

- 6.1 Evaluation Matrix of Segment Market Development Potential (Type)
- 6.2 Global Phase Change Thermoregulation Microcapsule Sales Market Share by Type (2020-2025)
- 6.3 Global Phase Change Thermoregulation Microcapsule Market Size Market Share by Type (2020-2025)
- 6.4 Global Phase Change Thermoregulation Microcapsule Price by Type (2020-2025)

7 PHASE CHANGE THERMOREGULATION MICROCAPSULE MARKET SEGMENTATION BY APPLICATION

- 7.1 Evaluation Matrix of Segment Market Development Potential (Application)
- 7.2 Global Phase Change Thermoregulation Microcapsule Market Sales by Application (2020-2025)
- 7.3 Global Phase Change Thermoregulation Microcapsule Market Size (M USD) by Application (2020-2025)
- 7.4 Global Phase Change Thermoregulation Microcapsule Sales Growth Rate by Application (2020-2025)

8 PHASE CHANGE THERMOREGULATION MICROCAPSULE MARKET SALES BY REGION

- 8.1 Global Phase Change Thermoregulation Microcapsule Sales by Region
 - 8.1.1 Global Phase Change Thermoregulation Microcapsule Sales by Region
 - 8.1.2 Global Phase Change Thermoregulation Microcapsule Sales Market Share by Region
- 8.2 Global Phase Change Thermoregulation Microcapsule Market Size by Region
 - 8.2.1 Global Phase Change Thermoregulation Microcapsule Market Size by Region
 - 8.2.2 Global Phase Change Thermoregulation Microcapsule Market Size Market Share by Region
- 8.3 North America
 - 8.3.1 North America Phase Change Thermoregulation Microcapsule Sales by Country
 - 8.3.2 North America Phase Change Thermoregulation Microcapsule Market Size by Country
 - 8.3.3 U.S. Market Overview
 - 8.3.4 Canada Market Overview

8.3.5 Mexico Market Overview

8.4 Europe

8.4.1 Europe Phase Change Thermoregulation Microcapsule Sales by Country

8.4.2 Europe Phase Change Thermoregulation Microcapsule Market Size by Country

8.4.3 Germany Market Overview

8.4.4 France Market Overview

8.4.5 U.K. Market Overview

8.4.6 Italy Market Overview

8.4.7 Spain Market Overview

8.5 Asia Pacific

8.5.1 Asia Pacific Phase Change Thermoregulation Microcapsule Sales by Region

8.5.2 Asia Pacific Phase Change Thermoregulation Microcapsule Market Size by Region

8.5.3 China Market Overview

8.5.4 Japan Market Overview

8.5.5 South Korea Market Overview

8.5.6 India Market Overview

8.5.7 Southeast Asia Market Overview

8.6 South America

8.6.1 South America Phase Change Thermoregulation Microcapsule Sales by Country

8.6.2 South America Phase Change Thermoregulation Microcapsule Market Size by Country

8.6.3 Brazil Market Overview

8.6.4 Argentina Market Overview

8.6.5 Columbia Market Overview

8.7 Middle East and Africa

8.7.1 Middle East and Africa Phase Change Thermoregulation Microcapsule Sales by Region

8.7.2 Middle East and Africa Phase Change Thermoregulation Microcapsule Market Size by Region

8.7.3 Saudi Arabia Market Overview

8.7.4 UAE Market Overview

8.7.5 Egypt Market Overview

8.7.6 Nigeria Market Overview

8.7.7 South Africa Market Overview

9 PHASE CHANGE THERMOREGULATION MICROCAPSULE MARKET PRODUCTION BY REGION

9.1 Global Production of Phase Change Thermoregulation Microcapsule by Region(2020-2025)

9.2 Global Phase Change Thermoregulation Microcapsule Revenue Market Share by Region (2020-2025)

9.3 Global Phase Change Thermoregulation Microcapsule Production, Revenue, Price and Gross Margin (2020-2025)

9.4 North America Phase Change Thermoregulation Microcapsule Production

9.4.1 North America Phase Change Thermoregulation Microcapsule Production Growth Rate (2020-2025)

9.4.2 North America Phase Change Thermoregulation Microcapsule Production, Revenue, Price and Gross Margin (2020-2025)

9.5 Europe Phase Change Thermoregulation Microcapsule Production

9.5.1 Europe Phase Change Thermoregulation Microcapsule Production Growth Rate (2020-2025)

9.5.2 Europe Phase Change Thermoregulation Microcapsule Production, Revenue, Price and Gross Margin (2020-2025)

9.6 Japan Phase Change Thermoregulation Microcapsule Production (2020-2025)

9.6.1 Japan Phase Change Thermoregulation Microcapsule Production Growth Rate (2020-2025)

9.6.2 Japan Phase Change Thermoregulation Microcapsule Production, Revenue, Price and Gross Margin (2020-2025)

9.7 China Phase Change Thermoregulation Microcapsule Production (2020-2025)

9.7.1 China Phase Change Thermoregulation Microcapsule Production Growth Rate (2020-2025)

9.7.2 China Phase Change Thermoregulation Microcapsule Production, Revenue, Price and Gross Margin (2020-2025)

10 KEY COMPANIES PROFILE

10.1 Daehyun

10.1.1 Daehyun Basic Information

10.1.2 Daehyun Phase Change Thermoregulation Microcapsule Product Overview

10.1.3 Daehyun Phase Change Thermoregulation Microcapsule Product Market Performance

10.1.4 Daehyun Business Overview

10.1.5 Daehyun SWOT Analysis

10.1.6 Daehyun Recent Developments

10.2 WIAT

10.2.1 WIAT Basic Information

- 10.2.2 WIAT Phase Change Thermoregulation Microcapsule Product Overview
- 10.2.3 WIAT Phase Change Thermoregulation Microcapsule Product Market Performance
- 10.2.4 WIAT Business Overview
- 10.2.5 WIAT SWOT Analysis
- 10.2.6 WIAT Recent Developments
- 10.3 Hefei Ruixue New Material Technology
 - 10.3.1 Hefei Ruixue New Material Technology Basic Information
 - 10.3.2 Hefei Ruixue New Material Technology Phase Change Thermoregulation Microcapsule Product Overview
 - 10.3.3 Hefei Ruixue New Material Technology Phase Change Thermoregulation Microcapsule Product Market Performance
 - 10.3.4 Hefei Ruixue New Material Technology Business Overview
 - 10.3.5 Hefei Ruixue New Material Technology SWOT Analysis
 - 10.3.6 Hefei Ruixue New Material Technology Recent Developments
- 10.4 Thermalcare
 - 10.4.1 Thermalcare Basic Information
 - 10.4.2 Thermalcare Phase Change Thermoregulation Microcapsule Product Overview
 - 10.4.3 Thermalcare Phase Change Thermoregulation Microcapsule Product Market Performance
 - 10.4.4 Thermalcare Business Overview
 - 10.4.5 Thermalcare Recent Developments
- 10.5 Anhui Microdelivery
 - 10.5.1 Anhui Microdelivery Basic Information
 - 10.5.2 Anhui Microdelivery Phase Change Thermoregulation Microcapsule Product Overview
 - 10.5.3 Anhui Microdelivery Phase Change Thermoregulation Microcapsule Product Market Performance
 - 10.5.4 Anhui Microdelivery Business Overview
 - 10.5.5 Anhui Microdelivery Recent Developments
- 10.6 Hubei Xingfa Chemicals Group
 - 10.6.1 Hubei Xingfa Chemicals Group Basic Information
 - 10.6.2 Hubei Xingfa Chemicals Group Phase Change Thermoregulation Microcapsule Product Overview
 - 10.6.3 Hubei Xingfa Chemicals Group Phase Change Thermoregulation Microcapsule Product Market Performance
 - 10.6.4 Hubei Xingfa Chemicals Group Business Overview
 - 10.6.5 Hubei Xingfa Chemicals Group Recent Developments
- 10.7 Beijing Yutian

- 10.7.1 Beijing Yutian Basic Information
- 10.7.2 Beijing Yutian Phase Change Thermoregulation Microcapsule Product Overview
- 10.7.3 Beijing Yutian Phase Change Thermoregulation Microcapsule Product Market Performance
- 10.7.4 Beijing Yutian Business Overview
- 10.7.5 Beijing Yutian Recent Developments
- 10.8 Changzhou Meisheng Biomaterials
 - 10.8.1 Changzhou Meisheng Biomaterials Basic Information
 - 10.8.2 Changzhou Meisheng Biomaterials Phase Change Thermoregulation Microcapsule Product Overview
 - 10.8.3 Changzhou Meisheng Biomaterials Phase Change Thermoregulation Microcapsule Product Market Performance
 - 10.8.4 Changzhou Meisheng Biomaterials Business Overview
 - 10.8.5 Changzhou Meisheng Biomaterials Recent Developments
- 10.9 Hubei Saimo New Energy
 - 10.9.1 Hubei Saimo New Energy Basic Information
 - 10.9.2 Hubei Saimo New Energy Phase Change Thermoregulation Microcapsule Product Overview
 - 10.9.3 Hubei Saimo New Energy Phase Change Thermoregulation Microcapsule Product Market Performance
 - 10.9.4 Hubei Saimo New Energy Business Overview
 - 10.9.5 Hubei Saimo New Energy Recent Developments
- 10.10 FORSHEEN
 - 10.10.1 FORSHEEN Basic Information
 - 10.10.2 FORSHEEN Phase Change Thermoregulation Microcapsule Product Overview
 - 10.10.3 FORSHEEN Phase Change Thermoregulation Microcapsule Product Market Performance
 - 10.10.4 FORSHEEN Business Overview
 - 10.10.5 FORSHEEN Recent Developments

11 PHASE CHANGE THERMOREGULATION MICROCAPSULE MARKET FORECAST BY REGION

- 11.1 Global Phase Change Thermoregulation Microcapsule Market Size Forecast
- 11.2 Global Phase Change Thermoregulation Microcapsule Market Forecast by Region
 - 11.2.1 North America Market Size Forecast by Country
 - 11.2.2 Europe Phase Change Thermoregulation Microcapsule Market Size Forecast

by Country

11.2.3 Asia Pacific Phase Change Thermoregulation Microcapsule Market Size

Forecast by Region

11.2.4 South America Phase Change Thermoregulation Microcapsule Market Size

Forecast by Country

11.2.5 Middle East and Africa Forecasted Sales of Phase Change Thermoregulation Microcapsule by Country

12 FORECAST MARKET BY TYPE AND BY APPLICATION (2026-2033)

12.1 Global Phase Change Thermoregulation Microcapsule Market Forecast by Type (2026-2033)

12.1.1 Global Forecasted Sales of Phase Change Thermoregulation Microcapsule by Type (2026-2033)

12.1.2 Global Phase Change Thermoregulation Microcapsule Market Size Forecast by Type (2026-2033)

12.1.3 Global Forecasted Price of Phase Change Thermoregulation Microcapsule by Type (2026-2033)

12.2 Global Phase Change Thermoregulation Microcapsule Market Forecast by Application (2026-2033)

12.2.1 Global Phase Change Thermoregulation Microcapsule Sales (K MT) Forecast by Application

12.2.2 Global Phase Change Thermoregulation Microcapsule Market Size (M USD) Forecast by Application (2026-2033)

13 CONCLUSION AND KEY FINDINGS

List Of Tables

LIST OF TABLES

Table 1. Introduction of the Type

Table 2. Introduction of the Application

Table 3. Market Size (M USD) Segment Executive Summary

Table 4. Phase Change Thermoregulation Microcapsule Market Size Comparison by Region (M USD)

Table 5. Global Phase Change Thermoregulation Microcapsule Sales (K MT) by Manufacturers (2020-2025)

Table 6. Global Phase Change Thermoregulation Microcapsule Sales Market Share by Manufacturers (2020-2025)

Table 7. Global Phase Change Thermoregulation Microcapsule Revenue (M USD) by Manufacturers (2020-2025)

Table 8. Global Phase Change Thermoregulation Microcapsule Revenue Share by Manufacturers (2020-2025)

Table 9. Company Type (Tier 1, Tier 2, and Tier 3) & (based on the Revenue in Phase Change Thermoregulation Microcapsule as of 2024)

Table 10. Global Market Phase Change Thermoregulation Microcapsule Average Price (USD/KG) of Key Manufacturers (2020-2025)

Table 11. Manufacturers? Manufacturing Sites, Areas Served

Table 12. Manufacturers? Product Type

Table 13. Global Phase Change Thermoregulation Microcapsule Manufacturers Market Concentration Ratio (CR5 and HHI)

Table 14. Mergers & Acquisitions, Expansion Plans

Table 15. Market Overview of Key Raw Materials

Table 16. Midstream Market Analysis

Table 17. Downstream Customer Analysis

Table 18. Key Development Trends

Table 19. Driving Factors

Table 20. Phase Change Thermoregulation Microcapsule Market Challenges

Table 21. Goldman Sachs' forecast real GDP growth rate for 2024-2026

Table 22. S&P Global ' Forecast Real GDP Growth Rate For 2024-2027

Table 23. World Bank ' Forecast Real GDP Growth Rate For 2024-2026

Table 24. The Tariff Rates Imposed by the United States on Major Commodity Trading Countries

Table 25. Global Phase Change Thermoregulation Microcapsule Sales by Type (K MT)

Table 26. Global Phase Change Thermoregulation Microcapsule Market Size by Type

(M USD)

Table 27. Global Phase Change Thermoregulation Microcapsule Sales (K MT) by Type (2020-2025)

Table 28. Global Phase Change Thermoregulation Microcapsule Sales Market Share by Type (2020-2025)

Table 29. Global Phase Change Thermoregulation Microcapsule Market Size (M USD) by Type (2020-2025)

Table 30. Global Phase Change Thermoregulation Microcapsule Market Size Share by Type (2020-2025)

Table 31. Global Phase Change Thermoregulation Microcapsule Price (USD/KG) by Type (2020-2025)

Table 32. Global Phase Change Thermoregulation Microcapsule Sales (K MT) by Application

Table 33. Global Phase Change Thermoregulation Microcapsule Market Size by Application

Table 34. Global Phase Change Thermoregulation Microcapsule Sales by Application (2020-2025) & (K MT)

Table 35. Global Phase Change Thermoregulation Microcapsule Sales Market Share by Application (2020-2025)

Table 36. Global Phase Change Thermoregulation Microcapsule Market Size by Application (2020-2025) & (M USD)

Table 37. Global Phase Change Thermoregulation Microcapsule Market Share by Application (2020-2025)

Table 38. Global Phase Change Thermoregulation Microcapsule Sales Growth Rate by Application (2020-2025)

Table 39. Global Phase Change Thermoregulation Microcapsule Sales by Region (2020-2025) & (K MT)

Table 40. Global Phase Change Thermoregulation Microcapsule Sales Market Share by Region (2020-2025)

Table 41. Global Phase Change Thermoregulation Microcapsule Market Size by Region (2020-2025) & (M USD)

Table 42. Global Phase Change Thermoregulation Microcapsule Market Size Market Share by Region (2020-2025)

Table 43. North America Phase Change Thermoregulation Microcapsule Sales by Country (2020-2025) & (K MT)

Table 44. North America Phase Change Thermoregulation Microcapsule Market Size by Country (2020-2025) & (M USD)

Table 45. Europe Phase Change Thermoregulation Microcapsule Sales by Country (2020-2025) & (K MT)

Table 46. Europe Phase Change Thermoregulation Microcapsule Market Size by Country (2020-2025) & (M USD)

Table 47. Asia Pacific Phase Change Thermoregulation Microcapsule Sales by Region (2020-2025) & (K MT)

Table 48. Asia Pacific Phase Change Thermoregulation Microcapsule Market Size by Region (2020-2025) & (M USD)

Table 49. South America Phase Change Thermoregulation Microcapsule Sales by Country (2020-2025) & (K MT)

Table 50. South America Phase Change Thermoregulation Microcapsule Market Size by Country (2020-2025) & (M USD)

Table 51. Middle East and Africa Phase Change Thermoregulation Microcapsule Sales by Region (2020-2025) & (K MT)

Table 52. Middle East and Africa Phase Change Thermoregulation Microcapsule Market Size by Region (2020-2025) & (M USD)

Table 53. Global Phase Change Thermoregulation Microcapsule Production (K MT) by Region(2020-2025)

Table 54. Global Phase Change Thermoregulation Microcapsule Revenue (US\$ Million) by Region (2020-2025)

Table 55. Global Phase Change Thermoregulation Microcapsule Revenue Market Share by Region (2020-2025)

Table 56. Global Phase Change Thermoregulation Microcapsule Production (K MT), Revenue (US\$ Million), Price (USD/KG) and Gross Margin (2020-2025)

Table 57. North America Phase Change Thermoregulation Microcapsule Production (K MT), Revenue (US\$ Million), Price (USD/KG) and Gross Margin (2020-2025)

Table 58. Europe Phase Change Thermoregulation Microcapsule Production (K MT), Revenue (US\$ Million), Price (USD/KG) and Gross Margin (2020-2025)

Table 59. Japan Phase Change Thermoregulation Microcapsule Production (K MT), Revenue (US\$ Million), Price (USD/KG) and Gross Margin (2020-2025)

Table 60. China Phase Change Thermoregulation Microcapsule Production (K MT), Revenue (US\$ Million), Price (USD/KG) and Gross Margin (2020-2025)

Table 61. Daehyun Basic Information

Table 62. Daehyun Phase Change Thermoregulation Microcapsule Product Overview

Table 63. Daehyun Phase Change Thermoregulation Microcapsule Sales (K MT), Revenue (M USD), Price (USD/KG) and Gross Margin (2020-2025)

Table 64. Daehyun Business Overview

Table 65. Daehyun SWOT Analysis

Table 66. Daehyun Recent Developments

Table 67. WIAT Basic Information

Table 68. WIAT Phase Change Thermoregulation Microcapsule Product Overview

Table 69. WIAT Phase Change Thermoregulation Microcapsule Sales (K MT), Revenue (M USD), Price (USD/KG) and Gross Margin (2020-2025)

Table 70. WIAT Business Overview

Table 71. WIAT SWOT Analysis

Table 72. WIAT Recent Developments

Table 73. Hefei Ruixue New Material Technology Basic Information

Table 74. Hefei Ruixue New Material Technology Phase Change Thermoregulation Microcapsule Product Overview

Table 75. Hefei Ruixue New Material Technology Phase Change Thermoregulation Microcapsule Sales (K MT), Revenue (M USD), Price (USD/KG) and Gross Margin (2020-2025)

Table 76. Hefei Ruixue New Material Technology Business Overview

Table 77. Hefei Ruixue New Material Technology SWOT Analysis

Table 78. Hefei Ruixue New Material Technology Recent Developments

Table 79. Thermalcare Basic Information

Table 80. Thermalcare Phase Change Thermoregulation Microcapsule Product Overview

Table 81. Thermalcare Phase Change Thermoregulation Microcapsule Sales (K MT), Revenue (M USD), Price (USD/KG) and Gross Margin (2020-2025)

Table 82. Thermalcare Business Overview

Table 83. Thermalcare Recent Developments

Table 84. Anhui Microdelivery Basic Information

Table 85. Anhui Microdelivery Phase Change Thermoregulation Microcapsule Product Overview

Table 86. Anhui Microdelivery Phase Change Thermoregulation Microcapsule Sales (K MT), Revenue (M USD), Price (USD/KG) and Gross Margin (2020-2025)

Table 87. Anhui Microdelivery Business Overview

Table 88. Anhui Microdelivery Recent Developments

Table 89. Hubei Xingfa Chemicals Group Basic Information

Table 90. Hubei Xingfa Chemicals Group Phase Change Thermoregulation Microcapsule Product Overview

Table 91. Hubei Xingfa Chemicals Group Phase Change Thermoregulation Microcapsule Sales (K MT), Revenue (M USD), Price (USD/KG) and Gross Margin (2020-2025)

Table 92. Hubei Xingfa Chemicals Group Business Overview

Table 93. Hubei Xingfa Chemicals Group Recent Developments

Table 94. Beijing Yutian Basic Information

Table 95. Beijing Yutian Phase Change Thermoregulation Microcapsule Product Overview

Table 96. Beijing Yutian Phase Change Thermoregulation Microcapsule Sales (K MT), Revenue (M USD), Price (USD/KG) and Gross Margin (2020-2025)

Table 97. Beijing Yutian Business Overview

Table 98. Beijing Yutian Recent Developments

Table 99. Changzhou Meisheng Biomaterials Basic Information

Table 100. Changzhou Meisheng Biomaterials Phase Change Thermoregulation Microcapsule Product Overview

Table 101. Changzhou Meisheng Biomaterials Phase Change Thermoregulation Microcapsule Sales (K MT), Revenue (M USD), Price (USD/KG) and Gross Margin (2020-2025)

Table 102. Changzhou Meisheng Biomaterials Business Overview

Table 103. Changzhou Meisheng Biomaterials Recent Developments

Table 104. Hubei Saimo New Energy Basic Information

Table 105. Hubei Saimo New Energy Phase Change Thermoregulation Microcapsule Product Overview

Table 106. Hubei Saimo New Energy Phase Change Thermoregulation Microcapsule Sales (K MT), Revenue (M USD), Price (USD/KG) and Gross Margin (2020-2025)

Table 107. Hubei Saimo New Energy Business Overview

Table 108. Hubei Saimo New Energy Recent Developments

Table 109. FORSHEEN Basic Information

Table 110. FORSHEEN Phase Change Thermoregulation Microcapsule Product Overview

Table 111. FORSHEEN Phase Change Thermoregulation Microcapsule Sales (K MT), Revenue (M USD), Price (USD/KG) and Gross Margin (2020-2025)

Table 112. FORSHEEN Business Overview

Table 113. FORSHEEN Recent Developments

Table 114. Global Phase Change Thermoregulation Microcapsule Sales Forecast by Region (2026-2033) & (K MT)

Table 115. Global Phase Change Thermoregulation Microcapsule Market Size Forecast by Region (2026-2033) & (M USD)

Table 116. North America Phase Change Thermoregulation Microcapsule Sales Forecast by Country (2026-2033) & (K MT)

Table 117. North America Phase Change Thermoregulation Microcapsule Market Size Forecast by Country (2026-2033) & (M USD)

Table 118. Europe Phase Change Thermoregulation Microcapsule Sales Forecast by Country (2026-2033) & (K MT)

Table 119. Europe Phase Change Thermoregulation Microcapsule Market Size Forecast by Country (2026-2033) & (M USD)

Table 120. Asia Pacific Phase Change Thermoregulation Microcapsule Sales Forecast

by Region (2026-2033) & (K MT)

Table 121. Asia Pacific Phase Change Thermoregulation Microcapsule Market Size Forecast by Region (2026-2033) & (M USD)

Table 122. South America Phase Change Thermoregulation Microcapsule Sales Forecast by Country (2026-2033) & (K MT)

Table 123. South America Phase Change Thermoregulation Microcapsule Market Size Forecast by Country (2026-2033) & (M USD)

Table 124. Middle East and Africa Phase Change Thermoregulation Microcapsule Sales Forecast by Country (2026-2033) & (Units)

Table 125. Middle East and Africa Phase Change Thermoregulation Microcapsule Market Size Forecast by Country (2026-2033) & (M USD)

Table 126. Global Phase Change Thermoregulation Microcapsule Sales Forecast by Type (2026-2033) & (K MT)

Table 127. Global Phase Change Thermoregulation Microcapsule Market Size Forecast by Type (2026-2033) & (M USD)

Table 128. Global Phase Change Thermoregulation Microcapsule Price Forecast by Type (2026-2033) & (USD/KG)

Table 129. Global Phase Change Thermoregulation Microcapsule Sales (K MT) Forecast by Application (2026-2033)

Table 130. Global Phase Change Thermoregulation Microcapsule Market Size Forecast by Application (2026-2033) & (M USD)

List Of Figures

LIST OF FIGURES

- Figure 1. Product Picture of Phase Change Thermoregulation Microcapsule
- Figure 2. Data Triangulation
- Figure 3. Key Caveats
- Figure 4. Global Phase Change Thermoregulation Microcapsule Market Size (M USD), 2024-2033
- Figure 5. Global Phase Change Thermoregulation Microcapsule Market Size (M USD) (2020-2033)
- Figure 6. Global Phase Change Thermoregulation Microcapsule Sales (K MT) & (2020-2033)
- Figure 7. Evaluation Matrix of Segment Market Development Potential (Type)
- Figure 8. Evaluation Matrix of Segment Market Development Potential (Application)
- Figure 9. Evaluation Matrix of Regional Market Development Potential
- Figure 10. Phase Change Thermoregulation Microcapsule Market Size by Country (M USD)
- Figure 11. Company Assessment Quadrant
- Figure 12. Global Phase Change Thermoregulation Microcapsule Product Life Cycle
- Figure 13. Phase Change Thermoregulation Microcapsule Sales Share by Manufacturers in 2024
- Figure 14. Global Phase Change Thermoregulation Microcapsule Revenue Share by Manufacturers in 2024
- Figure 15. Phase Change Thermoregulation Microcapsule Market Share by Company Type (Tier 1, Tier 2 and Tier 3): 2024
- Figure 16. Global Market Phase Change Thermoregulation Microcapsule Average Price (USD/KG) of Key Manufacturers in 2024
- Figure 17. The Global 5 and 10 Largest Players: Market Share by Phase Change Thermoregulation Microcapsule Revenue in 2024
- Figure 18. Industry Chain Map of Phase Change Thermoregulation Microcapsule
- Figure 19. Global Phase Change Thermoregulation Microcapsule Market PEST Analysis
- Figure 20. Global Phase Change Thermoregulation Microcapsule Market Porter's Five Forces Analysis
- Figure 21. Global Merchandise Trade as a Percentage Of GDP
- Figure 22. US - Imports of Goods by Country
- Figure 23. China Exports by Country
- Figure 24. ESG Rating Distribution of The Leading Company Compared With Its Peers

- Figure 25. Evaluation Matrix of Segment Market Development Potential (Type)
- Figure 26. Global Phase Change Thermoregulation Microcapsule Market Share by Type
- Figure 27. Sales Market Share of Phase Change Thermoregulation Microcapsule by Type (2020-2025)
- Figure 28. Sales Market Share of Phase Change Thermoregulation Microcapsule by Type in 2024
- Figure 29. Market Size Share of Phase Change Thermoregulation Microcapsule by Type (2020-2025)
- Figure 30. Market Size Share of Phase Change Thermoregulation Microcapsule by Type in 2024
- Figure 31. Evaluation Matrix of Segment Market Development Potential (Application)
- Figure 32. Global Phase Change Thermoregulation Microcapsule Market Share by Application
- Figure 33. Global Phase Change Thermoregulation Microcapsule Sales Market Share by Application (2020-2025)
- Figure 34. Global Phase Change Thermoregulation Microcapsule Sales Market Share by Application in 2024
- Figure 35. Global Phase Change Thermoregulation Microcapsule Market Share by Application (2020-2025)
- Figure 36. Global Phase Change Thermoregulation Microcapsule Market Share by Application in 2024
- Figure 37. Global Phase Change Thermoregulation Microcapsule Sales Growth Rate by Application (2020-2025)
- Figure 38. Global Phase Change Thermoregulation Microcapsule Sales Market Share by Region (2020-2025)
- Figure 39. Global Phase Change Thermoregulation Microcapsule Market Size Market Share by Region (2020-2025)
- Figure 40. North America Phase Change Thermoregulation Microcapsule Sales and Growth Rate (2020-2025) & (K MT)
- Figure 41. North America Phase Change Thermoregulation Microcapsule Sales and Growth Rate (2020-2025) & (K MT)
- Figure 42. North America Phase Change Thermoregulation Microcapsule Sales Market Share by Country in 2024
- Figure 43. North America Phase Change Thermoregulation Microcapsule Market Size and Growth Rate (2020-2025) & (M USD)
- Figure 44. North America Phase Change Thermoregulation Microcapsule Market Size Market Share by Country in 2024
- Figure 45. U.S. Phase Change Thermoregulation Microcapsule Sales and Growth Rate (2020-2025) & (K MT)

Figure 46. U.S. Phase Change Thermoregulation Microcapsule Market Size and Growth Rate (2020-2025) & (M USD)

Figure 47. Canada Phase Change Thermoregulation Microcapsule Sales (K MT) and Growth Rate (2020-2025)

Figure 48. Canada Phase Change Thermoregulation Microcapsule Market Size (M USD) and Growth Rate (2020-2025)

Figure 49. Mexico Phase Change Thermoregulation Microcapsule Sales (Units) and Growth Rate (2020-2025)

Figure 50. Mexico Phase Change Thermoregulation Microcapsule Market Size (Units) and Growth Rate (2020-2025)

Figure 51. Europe Phase Change Thermoregulation Microcapsule Sales and Growth Rate (2020-2025) & (K MT)

Figure 52. Europe Phase Change Thermoregulation Microcapsule Sales Market Share by Country in 2024

Figure 53. Europe Phase Change Thermoregulation Microcapsule Market Size and Growth Rate (2020-2025) & (M USD)

Figure 54. Europe Phase Change Thermoregulation Microcapsule Market Size Market Share by Country in 2024

Figure 55. Germany Phase Change Thermoregulation Microcapsule Sales and Growth Rate (2020-2025) & (K MT)

Figure 56. Germany Phase Change Thermoregulation Microcapsule Market Size and Growth Rate (2020-2025) & (M USD)

Figure 57. France Phase Change Thermoregulation Microcapsule Sales and Growth Rate (2020-2025) & (K MT)

Figure 58. France Phase Change Thermoregulation Microcapsule Market Size and Growth Rate (2020-2025) & (M USD)

Figure 59. U.K. Phase Change Thermoregulation Microcapsule Sales and Growth Rate (2020-2025) & (K MT)

Figure 60. U.K. Phase Change Thermoregulation Microcapsule Market Size and Growth Rate (2020-2025) & (M USD)

Figure 61. Italy Phase Change Thermoregulation Microcapsule Sales and Growth Rate (2020-2025) & (K MT)

Figure 62. Italy Phase Change Thermoregulation Microcapsule Market Size and Growth Rate (2020-2025) & (M USD)

Figure 63. Spain Phase Change Thermoregulation Microcapsule Sales and Growth Rate (2020-2025) & (K MT)

Figure 64. Spain Phase Change Thermoregulation Microcapsule Market Size and Growth Rate (2020-2025) & (M USD)

Figure 65. Asia Pacific Phase Change Thermoregulation Microcapsule Sales and

Growth Rate (K MT)

Figure 66. Asia Pacific Phase Change Thermoregulation Microcapsule Sales Market Share by Region in 2024

Figure 67. Asia Pacific Phase Change Thermoregulation Microcapsule Market Size Market Share by Region in 2024

Figure 68. China Phase Change Thermoregulation Microcapsule Sales and Growth Rate (2020-2025) & (K MT)

Figure 69. China Phase Change Thermoregulation Microcapsule Market Size and Growth Rate (2020-2025) & (M USD)

Figure 70. Japan Phase Change Thermoregulation Microcapsule Sales and Growth Rate (2020-2025) & (K MT)

Figure 71. Japan Phase Change Thermoregulation Microcapsule Market Size and Growth Rate (2020-2025) & (M USD)

Figure 72. South Korea Phase Change Thermoregulation Microcapsule Sales and Growth Rate (2020-2025) & (K MT)

Figure 73. South Korea Phase Change Thermoregulation Microcapsule Market Size and Growth Rate (2020-2025) & (M USD)

Figure 74. India Phase Change Thermoregulation Microcapsule Sales and Growth Rate (2020-2025) & (K MT)

Figure 75. India Phase Change Thermoregulation Microcapsule Market Size and Growth Rate (2020-2025) & (M USD)

Figure 76. Southeast Asia Phase Change Thermoregulation Microcapsule Sales and Growth Rate (2020-2025) & (K MT)

Figure 77. Southeast Asia Phase Change Thermoregulation Microcapsule Market Size and Growth Rate (2020-2025) & (M USD)

Figure 78. South America Phase Change Thermoregulation Microcapsule Sales and Growth Rate (K MT)

Figure 79. South America Phase Change Thermoregulation Microcapsule Sales Market Share by Country in 2024

Figure 80. South America Phase Change Thermoregulation Microcapsule Market Size and Growth Rate (M USD)

Figure 81. South America Phase Change Thermoregulation Microcapsule Market Size Market Share by Country in 2024

Figure 82. Brazil Phase Change Thermoregulation Microcapsule Sales and Growth Rate (2020-2025) & (K MT)

Figure 83. Brazil Phase Change Thermoregulation Microcapsule Market Size and Growth Rate (2020-2025) & (M USD)

Figure 84. Argentina Phase Change Thermoregulation Microcapsule Sales and Growth Rate (2020-2025) & (K MT)

Figure 85. Argentina Phase Change Thermoregulation Microcapsule Market Size and Growth Rate (2020-2025) & (M USD)

Figure 86. Columbia Phase Change Thermoregulation Microcapsule Sales and Growth Rate (2020-2025) & (K MT)

Figure 87. Columbia Phase Change Thermoregulation Microcapsule Market Size and Growth Rate (2020-2025) & (M USD)

Figure 88. Middle East and Africa Phase Change Thermoregulation Microcapsule Sales and Growth Rate (K MT)

Figure 89. Middle East and Africa Phase Change Thermoregulation Microcapsule Sales Market Share by Region in 2024

Figure 90. Middle East and Africa Phase Change Thermoregulation Microcapsule Market Size and Growth Rate (M USD)

Figure 91. Middle East and Africa Phase Change Thermoregulation Microcapsule Market Size Market Share by Region in 2024

Figure 92. Saudi Arabia Phase Change Thermoregulation Microcapsule Sales and Growth Rate (2020-2025) & (K MT)

Figure 93. Saudi Arabia Phase Change Thermoregulation Microcapsule Market Size and Growth Rate (2020-2025) & (M USD)

Figure 94. UAE Phase Change Thermoregulation Microcapsule Sales and Growth Rate (2020-2025) & (K MT)

Figure 95. UAE Phase Change Thermoregulation Microcapsule Market Size and Growth Rate (2020-2025) & (M USD)

Figure 96. Egypt Phase Change Thermoregulation Microcapsule Sales and Growth Rate (2020-2025) & (K MT)

Figure 97. Egypt Phase Change Thermoregulation Microcapsule Market Size and Growth Rate (2020-2025) & (M USD)

Figure 98. Nigeria Phase Change Thermoregulation Microcapsule Sales and Growth Rate (2020-2025) & (K MT)

Figure 99. Nigeria Phase Change Thermoregulation Microcapsule Market Size and Growth Rate (2020-2025) & (M USD)

Figure 100. South Africa Phase Change Thermoregulation Microcapsule Sales and Growth Rate (2020-2025) & (K MT)

Figure 101. South Africa Phase Change Thermoregulation Microcapsule Market Size and Growth Rate (2020-2025) & (M USD)

Figure 102. Global Phase Change Thermoregulation Microcapsule Production Market Share by Region (2020-2025)

Figure 103. North America Phase Change Thermoregulation Microcapsule Production (K MT) Growth Rate (2020-2025)

Figure 104. Europe Phase Change Thermoregulation Microcapsule Production (K MT)

Growth Rate (2020-2025)

Figure 105. Japan Phase Change Thermoregulation Microcapsule Production (K MT)

Growth Rate (2020-2025)

Figure 106. China Phase Change Thermoregulation Microcapsule Production (K MT)

Growth Rate (2020-2025)

Figure 107. Global Phase Change Thermoregulation Microcapsule Sales Forecast by Volume (2020-2033) & (K MT)

Figure 108. Global Phase Change Thermoregulation Microcapsule Market Size Forecast by Value (2020-2033) & (M USD)

Figure 109. Global Phase Change Thermoregulation Microcapsule Sales Market Share Forecast by Type (2026-2033)

Figure 110. Global Phase Change Thermoregulation Microcapsule Market Share Forecast by Type (2026-2033)

Figure 111. Global Phase Change Thermoregulation Microcapsule Sales Forecast by Application (2026-2033)

Figure 112. Global Phase Change Thermoregulation Microcapsule Market Share Forecast by Application (2026-2033)

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