

Global Reusable Phase Change Material (PCM) Pack Market Growth 2025-2031

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Abstracts

The global Reusable Phase Change Material (PCM) Pack market size is predicted to grow from US\$ 483 million in 2025 to US\$ 620 million in 2031; it is expected to grow at a CAGR of 4.3% from 2025 to 2031.

The impact of the latest U.S. tariff measures and the corresponding policy responses from countries worldwide on market competitiveness, regional economic performance, and supply chain configurations will be comprehensively evaluated in this report.

Reusable phase change material (PCM) packs are functional products that use the thermal energy storage characteristics of phase change materials to achieve temperature control and can be recycled multiple times. The core is composed of a material with reversible phase change ability (such as paraffin, hydrated salts or fatty acids, etc.) and a polymer gel matrix, and is sealed with a weather-resistant packaging material (such as PE, TPU or aluminum-plastic composite film). The key difference between this type of product and a disposable phase change pack is that its phase change material has stable physical and chemical properties during the solid-liquid conversion process, and can still maintain the consistency of phase change temperature and thermal enthalpy after repeated endothermic-exothermic cycles. It absorbs or releases heat by triggering phase change through changes in external ambient temperature, thereby maintaining the temperature stability of the target space for a certain period of time. Its design usually takes into account flexibility, leakage resistance and durability, and can be widely used in cold chain transportation, medical temperature control, outdoor equipment and other scenarios. It can be used multiple times through repeated charging (such as refrigeration and heating). It is both functional and environmentally friendly, and is a sustainable solution to replace traditional disposable ice packs or insulation materials.



United States market for Reusable Phase Change Material (PCM) Pack is estimated to increase from US\$ million in 2024 to US\$ million by 2031, at a CAGR of % from 2025 through 2031.

China market for Reusable Phase Change Material (PCM) Pack is estimated to increase from US\$ million in 2024 to US\$ million by 2031, at a CAGR of % from 2025 through 2031.

Europe market for Reusable Phase Change Material (PCM) Pack is estimated to increase from US\$ million in 2024 to US\$ million by 2031, at a CAGR of % from 2025 through 2031.

Global key Reusable Phase Change Material (PCM) Pack players cover RGEES, LLC, TCP, Sonoco ThermoSafe, Thermocon, Cold Chain Technologies, etc. In terms of revenue, the global two largest companies occupied for a share nearly % in 2024.

LP Information, Inc. (LPI) 'newest research report, the "Reusable Phase Change Material (PCM) Pack Industry Forecast" looks at past sales and reviews total world Reusable Phase Change Material (PCM) Pack sales in 2024, providing a comprehensive analysis by region and market sector of projected Reusable Phase Change Material (PCM) Pack sales for 2025 through 2031. With Reusable Phase Change Material (PCM) Pack sales broken down by region, market sector and subsector, this report provides a detailed analysis in US\$ millions of the world Reusable Phase Change Material (PCM) Pack industry.

This Insight Report provides a comprehensive analysis of the global Reusable Phase Change Material (PCM) Pack landscape and highlights key trends related to product segmentation, company formation, revenue, and market share, latest development, and M&A activity. This report also analyzes the strategies of leading global companies with a focus on Reusable Phase Change Material (PCM) Pack portfolios and capabilities, market entry strategies, market positions, and geographic footprints, to better understand these firms' unique position in an accelerating global Reusable Phase Change Material (PCM) Pack market.

This Insight Report evaluates the key market trends, drivers, and affecting factors shaping the global outlook for Reusable Phase Change Material (PCM) Pack and breaks down the forecast by Type, by Application, geography, and market size to highlight emerging pockets of opportunity. With a transparent methodology based on



hundreds of bottom-up qualitative and quantitative market inputs, this study forecast offers a highly nuanced view of the current state and future trajectory in the global Reusable Phase Change Material (PCM) Pack.

This report presents a comprehensive overview, market shares, and growth opportunities of Reusable Phase Change Material (PCM) Pack market by product type, application, key manufacturers and key regions and countries.





Chir	na
Japa	an
Kore	ea
Sou	itheast Asia
Indi	a
Aus	tralia
Europe	
Ger	many
Fran	nce
UK	
Italy	/
Rus	ssia
Middle East & Africa	
Egy	pt
Sou	ith Africa
Isra	el
Turk	key
GC	C Countries

The below companies that are profiled have been selected based on inputs gathered



from primary experts and analysing the company's coverage, product portfolio, its market penetration.

RGEES, LLC
TCP
Sonoco ThermoSafe
Thermocon
Cold Chain Technologies
Coolpack
TempAid
IPC
Kaneka
Cryopak
Versapak
Temprecision International
Phase Change Material Products Limited
va-Q-tec
Andores New Energy CO., Ltd
Changzhou jisi cold chain technology Co.,ltd
Fujian Super Tech Advanced Material

Key Questions Addressed in this Report



What is the 10-year outlook for the global Reusable Phase Change Material (PCM) Pack market?

What factors are driving Reusable Phase Change Material (PCM) Pack market growth, globally and by region?

Which technologies are poised for the fastest growth by market and region? How do Reusable Phase Change Material (PCM) Pack market opportunities vary by end market size?

How does Reusable Phase Change Material (PCM) Pack break out by Type, by Application?



Contents

1 SCOPE OF THE REPORT

- 1.1 Market Introduction
- 1.2 Years Considered
- 1.3 Research Objectives
- 1.4 Market Research Methodology
- 1.5 Research Process and Data Source
- 1.6 Economic Indicators
- 1.7 Currency Considered
- 1.8 Market Estimation Caveats

2 EXECUTIVE SUMMARY

- 2.1 World Market Overview
 - 2.1.1 Global Reusable Phase Change Material (PCM) Pack Annual Sales 2020-2031
- 2.1.2 World Current & Future Analysis for Reusable Phase Change Material (PCM) Pack by Geographic Region, 2020, 2024 & 2031
- 2.1.3 World Current & Future Analysis for Reusable Phase Change Material (PCM) Pack by Country/Region, 2020, 2024 & 2031
- 2.2 Reusable Phase Change Material (PCM) Pack Segment by Type
 - 2.2.1 Low Temperature PCM Pack
 - 2.2.2 Medium Temperature PCM Pack
 - 2.2.3 High Temperature PCM Pack
- 2.3 Reusable Phase Change Material (PCM) Pack Sales by Type
- 2.3.1 Global Reusable Phase Change Material (PCM) Pack Sales Market Share by Type (2020-2025)
- 2.3.2 Global Reusable Phase Change Material (PCM) Pack Revenue and Market Share by Type (2020-2025)
- 2.3.3 Global Reusable Phase Change Material (PCM) Pack Sale Price by Type (2020-2025)
- 2.4 Reusable Phase Change Material (PCM) Pack Segment by Application
 - 2.4.1 Cold Chain Medical Transport
 - 2.4.2 Food & Fresh Food Supply Chain
 - 2.4.3 Others
- 2.5 Reusable Phase Change Material (PCM) Pack Sales by Application
- 2.5.1 Global Reusable Phase Change Material (PCM) Pack Sale Market Share by Application (2020-2025)



- 2.5.2 Global Reusable Phase Change Material (PCM) Pack Revenue and Market Share by Application (2020-2025)
- 2.5.3 Global Reusable Phase Change Material (PCM) Pack Sale Price by Application (2020-2025)

3 GLOBAL BY COMPANY

- 3.1 Global Reusable Phase Change Material (PCM) Pack Breakdown Data by Company
- 3.1.1 Global Reusable Phase Change Material (PCM) Pack Annual Sales by Company (2020-2025)
- 3.1.2 Global Reusable Phase Change Material (PCM) Pack Sales Market Share by Company (2020-2025)
- 3.2 Global Reusable Phase Change Material (PCM) Pack Annual Revenue by Company (2020-2025)
- 3.2.1 Global Reusable Phase Change Material (PCM) Pack Revenue by Company (2020-2025)
- 3.2.2 Global Reusable Phase Change Material (PCM) Pack Revenue Market Share by Company (2020-2025)
- 3.3 Global Reusable Phase Change Material (PCM) Pack Sale Price by Company
- 3.4 Key Manufacturers Reusable Phase Change Material (PCM) Pack Producing Area Distribution, Sales Area, Product Type
- 3.4.1 Key Manufacturers Reusable Phase Change Material (PCM) Pack Product Location Distribution
- 3.4.2 Players Reusable Phase Change Material (PCM) Pack Products Offered
- 3.5 Market Concentration Rate Analysis
 - 3.5.1 Competition Landscape Analysis
 - 3.5.2 Concentration Ratio (CR3, CR5 and CR10) & (2023-2025)
- 3.6 New Products and Potential Entrants
- 3.7 Market M&A Activity & Strategy

4 WORLD HISTORIC REVIEW FOR REUSABLE PHASE CHANGE MATERIAL (PCM) PACK BY GEOGRAPHIC REGION

- 4.1 World Historic Reusable Phase Change Material (PCM) Pack Market Size by Geographic Region (2020-2025)
- 4.1.1 Global Reusable Phase Change Material (PCM) Pack Annual Sales by Geographic Region (2020-2025)
 - 4.1.2 Global Reusable Phase Change Material (PCM) Pack Annual Revenue by



Geographic Region (2020-2025)

- 4.2 World Historic Reusable Phase Change Material (PCM) Pack Market Size by Country/Region (2020-2025)
- 4.2.1 Global Reusable Phase Change Material (PCM) Pack Annual Sales by Country/Region (2020-2025)
- 4.2.2 Global Reusable Phase Change Material (PCM) Pack Annual Revenue by Country/Region (2020-2025)
- 4.3 Americas Reusable Phase Change Material (PCM) Pack Sales Growth
- 4.4 APAC Reusable Phase Change Material (PCM) Pack Sales Growth
- 4.5 Europe Reusable Phase Change Material (PCM) Pack Sales Growth
- 4.6 Middle East & Africa Reusable Phase Change Material (PCM) Pack Sales Growth

5 AMERICAS

- 5.1 Americas Reusable Phase Change Material (PCM) Pack Sales by Country
- 5.1.1 Americas Reusable Phase Change Material (PCM) Pack Sales by Country (2020-2025)
- 5.1.2 Americas Reusable Phase Change Material (PCM) Pack Revenue by Country (2020-2025)
- 5.2 Americas Reusable Phase Change Material (PCM) Pack Sales by Type (2020-2025)
- 5.3 Americas Reusable Phase Change Material (PCM) Pack Sales by Application (2020-2025)
- 5.4 United States
- 5.5 Canada
- 5.6 Mexico
- 5.7 Brazil

6 APAC

- 6.1 APAC Reusable Phase Change Material (PCM) Pack Sales by Region
- 6.1.1 APAC Reusable Phase Change Material (PCM) Pack Sales by Region (2020-2025)
- 6.1.2 APAC Reusable Phase Change Material (PCM) Pack Revenue by Region (2020-2025)
- 6.2 APAC Reusable Phase Change Material (PCM) Pack Sales by Type (2020-2025)
- 6.3 APAC Reusable Phase Change Material (PCM) Pack Sales by Application (2020-2025)
- 6.4 China



- 6.5 Japan
- 6.6 South Korea
- 6.7 Southeast Asia
- 6.8 India
- 6.9 Australia
- 6.10 China Taiwan

7 EUROPE

- 7.1 Europe Reusable Phase Change Material (PCM) Pack by Country
- 7.1.1 Europe Reusable Phase Change Material (PCM) Pack Sales by Country (2020-2025)
- 7.1.2 Europe Reusable Phase Change Material (PCM) Pack Revenue by Country (2020-2025)
- 7.2 Europe Reusable Phase Change Material (PCM) Pack Sales by Type (2020-2025)
- 7.3 Europe Reusable Phase Change Material (PCM) Pack Sales by Application (2020-2025)
- 7.4 Germany
- 7.5 France
- 7.6 UK
- 7.7 Italy
- 7.8 Russia

8 MIDDLE EAST & AFRICA

- 8.1 Middle East & Africa Reusable Phase Change Material (PCM) Pack by Country
- 8.1.1 Middle East & Africa Reusable Phase Change Material (PCM) Pack Sales by Country (2020-2025)
- 8.1.2 Middle East & Africa Reusable Phase Change Material (PCM) Pack Revenue by Country (2020-2025)
- 8.2 Middle East & Africa Reusable Phase Change Material (PCM) Pack Sales by Type (2020-2025)
- 8.3 Middle East & Africa Reusable Phase Change Material (PCM) Pack Sales by Application (2020-2025)
- 8.4 Egypt
- 8.5 South Africa
- 8.6 Israel
- 8.7 Turkey
- 8.8 GCC Countries



9 MARKET DRIVERS, CHALLENGES AND TRENDS

- 9.1 Market Drivers & Growth Opportunities
- 9.2 Market Challenges & Risks
- 9.3 Industry Trends

10 MANUFACTURING COST STRUCTURE ANALYSIS

- 10.1 Raw Material and Suppliers
- 10.2 Manufacturing Cost Structure Analysis of Reusable Phase Change Material (PCM) Pack
- 10.3 Manufacturing Process Analysis of Reusable Phase Change Material (PCM) Pack
- 10.4 Industry Chain Structure of Reusable Phase Change Material (PCM) Pack

11 MARKETING, DISTRIBUTORS AND CUSTOMER

- 11.1 Sales Channel
 - 11.1.1 Direct Channels
 - 11.1.2 Indirect Channels
- 11.2 Reusable Phase Change Material (PCM) Pack Distributors
- 11.3 Reusable Phase Change Material (PCM) Pack Customer

12 WORLD FORECAST REVIEW FOR REUSABLE PHASE CHANGE MATERIAL (PCM) PACK BY GEOGRAPHIC REGION

- 12.1 Global Reusable Phase Change Material (PCM) Pack Market Size Forecast by Region
- 12.1.1 Global Reusable Phase Change Material (PCM) Pack Forecast by Region (2026-2031)
- 12.1.2 Global Reusable Phase Change Material (PCM) Pack Annual Revenue Forecast by Region (2026-2031)
- 12.2 Americas Forecast by Country (2026-2031)
- 12.3 APAC Forecast by Region (2026-2031)
- 12.4 Europe Forecast by Country (2026-2031)
- 12.5 Middle East & Africa Forecast by Country (2026-2031)
- 12.6 Global Reusable Phase Change Material (PCM) Pack Forecast by Type (2026-2031)
- 12.7 Global Reusable Phase Change Material (PCM) Pack Forecast by Application



(2026-2031)

13 KEY PLAYERS ANALYSIS

- 13.1 RGEES, LLC
 - 13.1.1 RGEES, LLC Company Information
- 13.1.2 RGEES, LLC Reusable Phase Change Material (PCM) Pack Product Portfolios and Specifications
- 13.1.3 RGEES, LLC Reusable Phase Change Material (PCM) Pack Sales, Revenue, Price and Gross Margin (2020-2025)
 - 13.1.4 RGEES, LLC Main Business Overview
 - 13.1.5 RGEES, LLC Latest Developments
- 13.2 TCP
 - 13.2.1 TCP Company Information
- 13.2.2 TCP Reusable Phase Change Material (PCM) Pack Product Portfolios and Specifications
- 13.2.3 TCP Reusable Phase Change Material (PCM) Pack Sales, Revenue, Price and Gross Margin (2020-2025)
 - 13.2.4 TCP Main Business Overview
 - 13.2.5 TCP Latest Developments
- 13.3 Sonoco ThermoSafe
 - 13.3.1 Sonoco ThermoSafe Company Information
- 13.3.2 Sonoco ThermoSafe Reusable Phase Change Material (PCM) Pack Product Portfolios and Specifications
- 13.3.3 Sonoco ThermoSafe Reusable Phase Change Material (PCM) Pack Sales, Revenue, Price and Gross Margin (2020-2025)
 - 13.3.4 Sonoco ThermoSafe Main Business Overview
 - 13.3.5 Sonoco ThermoSafe Latest Developments
- 13.4 Thermocon
 - 13.4.1 Thermocon Company Information
- 13.4.2 Thermocon Reusable Phase Change Material (PCM) Pack Product Portfolios and Specifications
- 13.4.3 Thermocon Reusable Phase Change Material (PCM) Pack Sales, Revenue, Price and Gross Margin (2020-2025)
 - 13.4.4 Thermocon Main Business Overview
 - 13.4.5 Thermocon Latest Developments
- 13.5 Cold Chain Technologies
- 13.5.1 Cold Chain Technologies Company Information
- 13.5.2 Cold Chain Technologies Reusable Phase Change Material (PCM) Pack



Product Portfolios and Specifications

- 13.5.3 Cold Chain Technologies Reusable Phase Change Material (PCM) Pack Sales, Revenue, Price and Gross Margin (2020-2025)
 - 13.5.4 Cold Chain Technologies Main Business Overview
 - 13.5.5 Cold Chain Technologies Latest Developments
- 13.6 Coolpack
 - 13.6.1 Coolpack Company Information
- 13.6.2 Coolpack Reusable Phase Change Material (PCM) Pack Product Portfolios and Specifications
- 13.6.3 Coolpack Reusable Phase Change Material (PCM) Pack Sales, Revenue, Price and Gross Margin (2020-2025)
 - 13.6.4 Coolpack Main Business Overview
 - 13.6.5 Coolpack Latest Developments
- 13.7 TempAid
 - 13.7.1 TempAid Company Information
- 13.7.2 TempAid Reusable Phase Change Material (PCM) Pack Product Portfolios and Specifications
- 13.7.3 TempAid Reusable Phase Change Material (PCM) Pack Sales, Revenue, Price and Gross Margin (2020-2025)
 - 13.7.4 TempAid Main Business Overview
 - 13.7.5 TempAid Latest Developments
- 13.8 IPC
 - 13.8.1 IPC Company Information
- 13.8.2 IPC Reusable Phase Change Material (PCM) Pack Product Portfolios and Specifications
- 13.8.3 IPC Reusable Phase Change Material (PCM) Pack Sales, Revenue, Price and Gross Margin (2020-2025)
 - 13.8.4 IPC Main Business Overview
 - 13.8.5 IPC Latest Developments
- 13.9 Kaneka
 - 13.9.1 Kaneka Company Information
- 13.9.2 Kaneka Reusable Phase Change Material (PCM) Pack Product Portfolios and Specifications
- 13.9.3 Kaneka Reusable Phase Change Material (PCM) Pack Sales, Revenue, Price and Gross Margin (2020-2025)
 - 13.9.4 Kaneka Main Business Overview
 - 13.9.5 Kaneka Latest Developments
- 13.10 Cryopak
- 13.10.1 Cryopak Company Information



- 13.10.2 Cryopak Reusable Phase Change Material (PCM) Pack Product Portfolios and Specifications
- 13.10.3 Cryopak Reusable Phase Change Material (PCM) Pack Sales, Revenue, Price and Gross Margin (2020-2025)
 - 13.10.4 Cryopak Main Business Overview
 - 13.10.5 Cryopak Latest Developments
- 13.11 Versapak
 - 13.11.1 Versapak Company Information
- 13.11.2 Versapak Reusable Phase Change Material (PCM) Pack Product Portfolios and Specifications
- 13.11.3 Versapak Reusable Phase Change Material (PCM) Pack Sales, Revenue, Price and Gross Margin (2020-2025)
 - 13.11.4 Versapak Main Business Overview
 - 13.11.5 Versapak Latest Developments
- 13.12 Temprecision International
 - 13.12.1 Temprecision International Company Information
- 13.12.2 Temprecision International Reusable Phase Change Material (PCM) Pack Product Portfolios and Specifications
- 13.12.3 Temprecision International Reusable Phase Change Material (PCM) Pack Sales, Revenue, Price and Gross Margin (2020-2025)
 - 13.12.4 Temprecision International Main Business Overview
 - 13.12.5 Temprecision International Latest Developments
- 13.13 Phase Change Material Products Limited
 - 13.13.1 Phase Change Material Products Limited Company Information
- 13.13.2 Phase Change Material Products Limited Reusable Phase Change Material (PCM) Pack Product Portfolios and Specifications
- 13.13.3 Phase Change Material Products Limited Reusable Phase Change Material (PCM) Pack Sales, Revenue, Price and Gross Margin (2020-2025)
 - 13.13.4 Phase Change Material Products Limited Main Business Overview
- 13.13.5 Phase Change Material Products Limited Latest Developments
- 13.14 va-Q-tec
 - 13.14.1 va-Q-tec Company Information
- 13.14.2 va-Q-tec Reusable Phase Change Material (PCM) Pack Product Portfolios and Specifications
- 13.14.3 va-Q-tec Reusable Phase Change Material (PCM) Pack Sales, Revenue, Price and Gross Margin (2020-2025)
 - 13.14.4 va-Q-tec Main Business Overview
- 13.14.5 va-Q-tec Latest Developments
- 13.15 Andores New Energy CO., Ltd



- 13.15.1 Andores New Energy CO., Ltd Company Information
- 13.15.2 Andores New Energy CO., Ltd Reusable Phase Change Material (PCM) Pack Product Portfolios and Specifications
- 13.15.3 Andores New Energy CO., Ltd Reusable Phase Change Material (PCM) Pack Sales, Revenue, Price and Gross Margin (2020-2025)
 - 13.15.4 Andores New Energy CO., Ltd Main Business Overview
- 13.15.5 Andores New Energy CO., Ltd Latest Developments
- 13.16 Changzhou jisi cold chain technology Co.,ltd
 - 13.16.1 Changzhou jisi cold chain technology Co.,ltd Company Information
- 13.16.2 Changzhou jisi cold chain technology Co.,ltd Reusable Phase Change
- Material (PCM) Pack Product Portfolios and Specifications
- 13.16.3 Changzhou jisi cold chain technology Co.,ltd Reusable Phase Change
- Material (PCM) Pack Sales, Revenue, Price and Gross Margin (2020-2025)
 - 13.16.4 Changzhou jisi cold chain technology Co., Itd Main Business Overview
 - 13.16.5 Changzhou jisi cold chain technology Co.,ltd Latest Developments
- 13.17 Fujian Super Tech Advanced Material
 - 13.17.1 Fujian Super Tech Advanced Material Company Information
- 13.17.2 Fujian Super Tech Advanced Material Reusable Phase Change Material (PCM) Pack Product Portfolios and Specifications
- 13.17.3 Fujian Super Tech Advanced Material Reusable Phase Change Material
- (PCM) Pack Sales, Revenue, Price and Gross Margin (2020-2025)
 - 13.17.4 Fujian Super Tech Advanced Material Main Business Overview
 - 13.17.5 Fujian Super Tech Advanced Material Latest Developments

14 RESEARCH FINDINGS AND CONCLUSION



List Of Tables

LIST OF TABLES

Table 1. Reusable Phase Change Material (PCM) Pack Annual Sales CAGR by Geographic Region (2020, 2024 & 2031) & (\$ millions)

Table 2. Reusable Phase Change Material (PCM) Pack Annual Sales CAGR by Country/Region (2020, 2024 & 2031) & (\$ millions)

Table 3. Major Players of Low Temperature PCM Pack

Table 4. Major Players of Medium Temperature PCM Pack

Table 5. Major Players of High Temperature PCM Pack

Table 6. Global Reusable Phase Change Material (PCM) Pack Sales by Type (2020-2025) & (Tons)

Table 7. Global Reusable Phase Change Material (PCM) Pack Sales Market Share by Type (2020-2025)

Table 8. Global Reusable Phase Change Material (PCM) Pack Revenue by Type (2020-2025) & (\$ million)

Table 9. Global Reusable Phase Change Material (PCM) Pack Revenue Market Share by Type (2020-2025)

Table 10. Global Reusable Phase Change Material (PCM) Pack Sale Price by Type (2020-2025) & (US\$/Ton)

Table 11. Global Reusable Phase Change Material (PCM) Pack Sale by Application (2020-2025) & (Tons)

Table 12. Global Reusable Phase Change Material (PCM) Pack Sale Market Share by Application (2020-2025)

Table 13. Global Reusable Phase Change Material (PCM) Pack Revenue by Application (2020-2025) & (\$ million)

Table 14. Global Reusable Phase Change Material (PCM) Pack Revenue Market Share by Application (2020-2025)

Table 15. Global Reusable Phase Change Material (PCM) Pack Sale Price by Application (2020-2025) & (US\$/Ton)

Table 16. Global Reusable Phase Change Material (PCM) Pack Sales by Company (2020-2025) & (Tons)

Table 17. Global Reusable Phase Change Material (PCM) Pack Sales Market Share by Company (2020-2025)

Table 18. Global Reusable Phase Change Material (PCM) Pack Revenue by Company (2020-2025) & (\$ millions)

Table 19. Global Reusable Phase Change Material (PCM) Pack Revenue Market Share by Company (2020-2025)



Table 20. Global Reusable Phase Change Material (PCM) Pack Sale Price by Company (2020-2025) & (US\$/Ton)

Table 21. Key Manufacturers Reusable Phase Change Material (PCM) Pack Producing Area Distribution and Sales Area

Table 22. Players Reusable Phase Change Material (PCM) Pack Products Offered

Table 23. Reusable Phase Change Material (PCM) Pack Concentration Ratio (CR3, CR5 and CR10) & (2023-2025)

Table 24. New Products and Potential Entrants

Table 25. Market M&A Activity & Strategy

Table 26. Global Reusable Phase Change Material (PCM) Pack Sales by Geographic Region (2020-2025) & (Tons)

Table 27. Global Reusable Phase Change Material (PCM) Pack Sales Market Share Geographic Region (2020-2025)

Table 28. Global Reusable Phase Change Material (PCM) Pack Revenue by Geographic Region (2020-2025) & (\$ millions)

Table 29. Global Reusable Phase Change Material (PCM) Pack Revenue Market Share by Geographic Region (2020-2025)

Table 30. Global Reusable Phase Change Material (PCM) Pack Sales by Country/Region (2020-2025) & (Tons)

Table 31. Global Reusable Phase Change Material (PCM) Pack Sales Market Share by Country/Region (2020-2025)

Table 32. Global Reusable Phase Change Material (PCM) Pack Revenue by Country/Region (2020-2025) & (\$ millions)

Table 33. Global Reusable Phase Change Material (PCM) Pack Revenue Market Share by Country/Region (2020-2025)

Table 34. Americas Reusable Phase Change Material (PCM) Pack Sales by Country (2020-2025) & (Tons)

Table 35. Americas Reusable Phase Change Material (PCM) Pack Sales Market Share by Country (2020-2025)

Table 36. Americas Reusable Phase Change Material (PCM) Pack Revenue by Country (2020-2025) & (\$ millions)

Table 37. Americas Reusable Phase Change Material (PCM) Pack Sales by Type (2020-2025) & (Tons)

Table 38. Americas Reusable Phase Change Material (PCM) Pack Sales by Application (2020-2025) & (Tons)

Table 39. APAC Reusable Phase Change Material (PCM) Pack Sales by Region (2020-2025) & (Tons)

Table 40. APAC Reusable Phase Change Material (PCM) Pack Sales Market Share by Region (2020-2025)



- Table 41. APAC Reusable Phase Change Material (PCM) Pack Revenue by Region (2020-2025) & (\$ millions)
- Table 42. APAC Reusable Phase Change Material (PCM) Pack Sales by Type (2020-2025) & (Tons)
- Table 43. APAC Reusable Phase Change Material (PCM) Pack Sales by Application (2020-2025) & (Tons)
- Table 44. Europe Reusable Phase Change Material (PCM) Pack Sales by Country (2020-2025) & (Tons)
- Table 45. Europe Reusable Phase Change Material (PCM) Pack Revenue by Country (2020-2025) & (\$ millions)
- Table 46. Europe Reusable Phase Change Material (PCM) Pack Sales by Type (2020-2025) & (Tons)
- Table 47. Europe Reusable Phase Change Material (PCM) Pack Sales by Application (2020-2025) & (Tons)
- Table 48. Middle East & Africa Reusable Phase Change Material (PCM) Pack Sales by Country (2020-2025) & (Tons)
- Table 49. Middle East & Africa Reusable Phase Change Material (PCM) Pack Revenue Market Share by Country (2020-2025)
- Table 50. Middle East & Africa Reusable Phase Change Material (PCM) Pack Sales by Type (2020-2025) & (Tons)
- Table 51. Middle East & Africa Reusable Phase Change Material (PCM) Pack Sales by Application (2020-2025) & (Tons)
- Table 52. Key Market Drivers & Growth Opportunities of Reusable Phase Change Material (PCM) Pack
- Table 53. Key Market Challenges & Risks of Reusable Phase Change Material (PCM) Pack
- Table 54. Key Industry Trends of Reusable Phase Change Material (PCM) Pack
- Table 55. Reusable Phase Change Material (PCM) Pack Raw Material
- Table 56. Key Suppliers of Raw Materials
- Table 57. Reusable Phase Change Material (PCM) Pack Distributors List
- Table 58. Reusable Phase Change Material (PCM) Pack Customer List
- Table 59. Global Reusable Phase Change Material (PCM) Pack Sales Forecast by Region (2026-2031) & (Tons)
- Table 60. Global Reusable Phase Change Material (PCM) Pack Revenue Forecast by Region (2026-2031) & (\$ millions)
- Table 61. Americas Reusable Phase Change Material (PCM) Pack Sales Forecast by Country (2026-2031) & (Tons)
- Table 62. Americas Reusable Phase Change Material (PCM) Pack Annual Revenue Forecast by Country (2026-2031) & (\$ millions)



Table 63. APAC Reusable Phase Change Material (PCM) Pack Sales Forecast by Region (2026-2031) & (Tons)

Table 64. APAC Reusable Phase Change Material (PCM) Pack Annual Revenue Forecast by Region (2026-2031) & (\$ millions)

Table 65. Europe Reusable Phase Change Material (PCM) Pack Sales Forecast by Country (2026-2031) & (Tons)

Table 66. Europe Reusable Phase Change Material (PCM) Pack Revenue Forecast by Country (2026-2031) & (\$ millions)

Table 67. Middle East & Africa Reusable Phase Change Material (PCM) Pack Sales Forecast by Country (2026-2031) & (Tons)

Table 68. Middle East & Africa Reusable Phase Change Material (PCM) Pack Revenue Forecast by Country (2026-2031) & (\$ millions)

Table 69. Global Reusable Phase Change Material (PCM) Pack Sales Forecast by Type (2026-2031) & (Tons)

Table 70. Global Reusable Phase Change Material (PCM) Pack Revenue Forecast by Type (2026-2031) & (\$ millions)

Table 71. Global Reusable Phase Change Material (PCM) Pack Sales Forecast by Application (2026-2031) & (Tons)

Table 72. Global Reusable Phase Change Material (PCM) Pack Revenue Forecast by Application (2026-2031) & (\$ millions)

Table 73. RGEES, LLC Basic Information, Reusable Phase Change Material (PCM) Pack Manufacturing Base, Sales Area and Its Competitors

Table 74. RGEES, LLC Reusable Phase Change Material (PCM) Pack Product Portfolios and Specifications

Table 75. RGEES, LLC Reusable Phase Change Material (PCM) Pack Sales (Tons), Revenue (\$ Million), Price (US\$/Ton) and Gross Margin (2020-2025)

Table 76. RGEES, LLC Main Business

Table 77. RGEES, LLC Latest Developments

Table 78. TCP Basic Information, Reusable Phase Change Material (PCM) Pack Manufacturing Base, Sales Area and Its Competitors

Table 79. TCP Reusable Phase Change Material (PCM) Pack Product Portfolios and Specifications

Table 80. TCP Reusable Phase Change Material (PCM) Pack Sales (Tons), Revenue (\$ Million), Price (US\$/Ton) and Gross Margin (2020-2025)

Table 81. TCP Main Business

Table 82. TCP Latest Developments

Table 83. Sonoco ThermoSafe Basic Information, Reusable Phase Change Material (PCM) Pack Manufacturing Base, Sales Area and Its Competitors

Table 84. Sonoco ThermoSafe Reusable Phase Change Material (PCM) Pack Product



Portfolios and Specifications

Table 85. Sonoco ThermoSafe Reusable Phase Change Material (PCM) Pack Sales (Tons), Revenue (\$ Million), Price (US\$/Ton) and Gross Margin (2020-2025)

Table 86. Sonoco ThermoSafe Main Business

Table 87. Sonoco ThermoSafe Latest Developments

Table 88. Thermocon Basic Information, Reusable Phase Change Material (PCM) Pack Manufacturing Base, Sales Area and Its Competitors

Table 89. Thermocon Reusable Phase Change Material (PCM) Pack Product Portfolios and Specifications

Table 90. Thermocon Reusable Phase Change Material (PCM) Pack Sales (Tons),

Revenue (\$ Million), Price (US\$/Ton) and Gross Margin (2020-2025)

Table 91. Thermocon Main Business

Table 92. Thermocon Latest Developments

Table 93. Cold Chain Technologies Basic Information, Reusable Phase Change

Material (PCM) Pack Manufacturing Base, Sales Area and Its Competitors

Table 94. Cold Chain Technologies Reusable Phase Change Material (PCM) Pack Product Portfolios and Specifications

Table 95. Cold Chain Technologies Reusable Phase Change Material (PCM) Pack

Sales (Tons), Revenue (\$ Million), Price (US\$/Ton) and Gross Margin (2020-2025)

Table 96. Cold Chain Technologies Main Business

Table 97. Cold Chain Technologies Latest Developments

Table 98. Coolpack Basic Information, Reusable Phase Change Material (PCM) Pack Manufacturing Base, Sales Area and Its Competitors

Table 99. Coolpack Reusable Phase Change Material (PCM) Pack Product Portfolios and Specifications

Table 100. Coolpack Reusable Phase Change Material (PCM) Pack Sales (Tons),

Revenue (\$ Million), Price (US\$/Ton) and Gross Margin (2020-2025)

Table 101. Coolpack Main Business

Table 102. Coolpack Latest Developments

Table 103. TempAid Basic Information, Reusable Phase Change Material (PCM) Pack Manufacturing Base, Sales Area and Its Competitors

Table 104. TempAid Reusable Phase Change Material (PCM) Pack Product Portfolios and Specifications

Table 105. TempAid Reusable Phase Change Material (PCM) Pack Sales (Tons),

Revenue (\$ Million), Price (US\$/Ton) and Gross Margin (2020-2025)

Table 106. TempAid Main Business

Table 107. TempAid Latest Developments

Table 108. IPC Basic Information, Reusable Phase Change Material (PCM) Pack Manufacturing Base, Sales Area and Its Competitors



Table 109. IPC Reusable Phase Change Material (PCM) Pack Product Portfolios and Specifications

Table 110. IPC Reusable Phase Change Material (PCM) Pack Sales (Tons), Revenue (\$ Million), Price (US\$/Ton) and Gross Margin (2020-2025)

Table 111. IPC Main Business

Table 112. IPC Latest Developments

Table 113. Kaneka Basic Information, Reusable Phase Change Material (PCM) Pack Manufacturing Base, Sales Area and Its Competitors

Table 114. Kaneka Reusable Phase Change Material (PCM) Pack Product Portfolios and Specifications

Table 115. Kaneka Reusable Phase Change Material (PCM) Pack Sales (Tons),

Revenue (\$ Million), Price (US\$/Ton) and Gross Margin (2020-2025)

Table 116. Kaneka Main Business

Table 117. Kaneka Latest Developments

Table 118. Cryopak Basic Information, Reusable Phase Change Material (PCM) Pack Manufacturing Base, Sales Area and Its Competitors

Table 119. Cryopak Reusable Phase Change Material (PCM) Pack Product Portfolios and Specifications

Table 120. Cryopak Reusable Phase Change Material (PCM) Pack Sales (Tons),

Revenue (\$ Million), Price (US\$/Ton) and Gross Margin (2020-2025)

Table 121. Cryopak Main Business

Table 122. Cryopak Latest Developments

Table 123. Versapak Basic Information, Reusable Phase Change Material (PCM) Pack Manufacturing Base, Sales Area and Its Competitors

Table 124. Versapak Reusable Phase Change Material (PCM) Pack Product Portfolios and Specifications

Table 125. Versapak Reusable Phase Change Material (PCM) Pack Sales (Tons),

Revenue (\$ Million), Price (US\$/Ton) and Gross Margin (2020-2025)

Table 126. Versapak Main Business

Table 127. Versapak Latest Developments

Table 128. Temprecision International Basic Information, Reusable Phase Change

Material (PCM) Pack Manufacturing Base, Sales Area and Its Competitors

Table 129. Temprecision International Reusable Phase Change Material (PCM) Pack Product Portfolios and Specifications

Table 130. Temprecision International Reusable Phase Change Material (PCM) Pack

Sales (Tons), Revenue (\$ Million), Price (US\$/Ton) and Gross Margin (2020-2025)

Table 131. Temprecision International Main Business

Table 132. Temprecision International Latest Developments

Table 133. Phase Change Material Products Limited Basic Information, Reusable



Phase Change Material (PCM) Pack Manufacturing Base, Sales Area and Its Competitors

Table 134. Phase Change Material Products Limited Reusable Phase Change Material (PCM) Pack Product Portfolios and Specifications

Table 135. Phase Change Material Products Limited Reusable Phase Change Material (PCM) Pack Sales (Tons), Revenue (\$ Million), Price (US\$/Ton) and Gross Margin (2020-2025)

Table 136. Phase Change Material Products Limited Main Business

Table 137. Phase Change Material Products Limited Latest Developments

Table 138. va-Q-tec Basic Information, Reusable Phase Change Material (PCM) Pack Manufacturing Base, Sales Area and Its Competitors

Table 139. va-Q-tec Reusable Phase Change Material (PCM) Pack Product Portfolios and Specifications

Table 140. va-Q-tec Reusable Phase Change Material (PCM) Pack Sales (Tons), Revenue (\$ Million), Price (US\$/Ton) and Gross Margin (2020-2025)

Table 141. va-Q-tec Main Business

Table 142. va-Q-tec Latest Developments

Table 143. Andores New Energy CO., Ltd Basic Information, Reusable Phase Change Material (PCM) Pack Manufacturing Base, Sales Area and Its Competitors

Table 144. Andores New Energy CO., Ltd Reusable Phase Change Material (PCM) Pack Product Portfolios and Specifications

Table 145. Andores New Energy CO., Ltd Reusable Phase Change Material (PCM) Pack Sales (Tons), Revenue (\$ Million), Price (US\$/Ton) and Gross Margin (2020-2025)

Table 146. Andores New Energy CO., Ltd Main Business

Table 147. Andores New Energy CO., Ltd Latest Developments

Table 148. Changzhou jisi cold chain technology Co.,ltd Basic Information, Reusable Phase Change Material (PCM) Pack Manufacturing Base, Sales Area and Its Competitors

Table 149. Changzhou jisi cold chain technology Co.,ltd Reusable Phase Change Material (PCM) Pack Product Portfolios and Specifications

Table 150. Changzhou jisi cold chain technology Co.,ltd Reusable Phase Change Material (PCM) Pack Sales (Tons), Revenue (\$ Million), Price (US\$/Ton) and Gross Margin (2020-2025)

Table 151. Changzhou jisi cold chain technology Co., Itd Main Business

Table 152. Changzhou jisi cold chain technology Co., ltd Latest Developments

Table 153. Fujian Super Tech Advanced Material Basic Information, Reusable Phase Change Material (PCM) Pack Manufacturing Base, Sales Area and Its Competitors Table 154. Fujian Super Tech Advanced Material Reusable Phase Change Material



(PCM) Pack Product Portfolios and Specifications

Table 155. Fujian Super Tech Advanced Material Reusable Phase Change Material (PCM) Pack Sales (Tons), Revenue (\$ Million), Price (US\$/Ton) and Gross Margin (2020-2025)

Table 156. Fujian Super Tech Advanced Material Main Business

Table 157. Fujian Super Tech Advanced Material Latest Developments



List Of Figures

LIST OF FIGURES

- Figure 1. Picture of Reusable Phase Change Material (PCM) Pack
- Figure 2. Reusable Phase Change Material (PCM) Pack Report Years Considered
- Figure 3. Research Objectives
- Figure 4. Research Methodology
- Figure 5. Research Process and Data Source
- Figure 6. Global Reusable Phase Change Material (PCM) Pack Sales Growth Rate 2020-2031 (Tons)
- Figure 7. Global Reusable Phase Change Material (PCM) Pack Revenue Growth Rate 2020-2031 (\$ millions)
- Figure 8. Reusable Phase Change Material (PCM) Pack Sales by Geographic Region (2020, 2024 & 2031) & (\$ millions)
- Figure 9. Reusable Phase Change Material (PCM) Pack Sales Market Share by Country/Region (2024)
- Figure 10. Reusable Phase Change Material (PCM) Pack Sales Market Share by Country/Region (2020, 2024 & 2031)
- Figure 11. Product Picture of Low Temperature PCM Pack
- Figure 12. Product Picture of Medium Temperature PCM Pack
- Figure 13. Product Picture of High Temperature PCM Pack
- Figure 14. Global Reusable Phase Change Material (PCM) Pack Sales Market Share by Type in 2025
- Figure 15. Global Reusable Phase Change Material (PCM) Pack Revenue Market Share by Type (2020-2025)
- Figure 16. Reusable Phase Change Material (PCM) Pack Consumed in Cold Chain Medical Transport
- Figure 17. Global Reusable Phase Change Material (PCM) Pack Market: Cold Chain Medical Transport (2020-2025) & (Tons)
- Figure 18. Reusable Phase Change Material (PCM) Pack Consumed in Food & Fresh Food Supply Chain
- Figure 19. Global Reusable Phase Change Material (PCM) Pack Market: Food & Fresh Food Supply Chain (2020-2025) & (Tons)
- Figure 20. Reusable Phase Change Material (PCM) Pack Consumed in Others
- Figure 21. Global Reusable Phase Change Material (PCM) Pack Market: Others (2020-2025) & (Tons)
- Figure 22. Global Reusable Phase Change Material (PCM) Pack Sale Market Share by Application (2024)



- Figure 23. Global Reusable Phase Change Material (PCM) Pack Revenue Market Share by Application in 2025
- Figure 24. Reusable Phase Change Material (PCM) Pack Sales by Company in 2025 (Tons)
- Figure 25. Global Reusable Phase Change Material (PCM) Pack Sales Market Share by Company in 2025
- Figure 26. Reusable Phase Change Material (PCM) Pack Revenue by Company in 2025 (\$ millions)
- Figure 27. Global Reusable Phase Change Material (PCM) Pack Revenue Market Share by Company in 2025
- Figure 28. Global Reusable Phase Change Material (PCM) Pack Sales Market Share by Geographic Region (2020-2025)
- Figure 29. Global Reusable Phase Change Material (PCM) Pack Revenue Market Share by Geographic Region in 2025
- Figure 30. Americas Reusable Phase Change Material (PCM) Pack Sales 2020-2025 (Tons)
- Figure 31. Americas Reusable Phase Change Material (PCM) Pack Revenue 2020-2025 (\$ millions)
- Figure 32. APAC Reusable Phase Change Material (PCM) Pack Sales 2020-2025 (Tons)
- Figure 33. APAC Reusable Phase Change Material (PCM) Pack Revenue 2020-2025 (\$ millions)
- Figure 34. Europe Reusable Phase Change Material (PCM) Pack Sales 2020-2025 (Tons)
- Figure 35. Europe Reusable Phase Change Material (PCM) Pack Revenue 2020-2025 (\$ millions)
- Figure 36. Middle East & Africa Reusable Phase Change Material (PCM) Pack Sales 2020-2025 (Tons)
- Figure 37. Middle East & Africa Reusable Phase Change Material (PCM) Pack Revenue 2020-2025 (\$ millions)
- Figure 38. Americas Reusable Phase Change Material (PCM) Pack Sales Market Share by Country in 2025
- Figure 39. Americas Reusable Phase Change Material (PCM) Pack Revenue Market Share by Country (2020-2025)
- Figure 40. Americas Reusable Phase Change Material (PCM) Pack Sales Market Share by Type (2020-2025)
- Figure 41. Americas Reusable Phase Change Material (PCM) Pack Sales Market Share by Application (2020-2025)
- Figure 42. United States Reusable Phase Change Material (PCM) Pack Revenue



Growth 2020-2025 (\$ millions)

Figure 43. Canada Reusable Phase Change Material (PCM) Pack Revenue Growth 2020-2025 (\$ millions)

Figure 44. Mexico Reusable Phase Change Material (PCM) Pack Revenue Growth 2020-2025 (\$ millions)

Figure 45. Brazil Reusable Phase Change Material (PCM) Pack Revenue Growth 2020-2025 (\$ millions)

Figure 46. APAC Reusable Phase Change Material (PCM) Pack Sales Market Share by Region in 2025

Figure 47. APAC Reusable Phase Change Material (PCM) Pack Revenue Market Share by Region (2020-2025)

Figure 48. APAC Reusable Phase Change Material (PCM) Pack Sales Market Share by Type (2020-2025)

Figure 49. APAC Reusable Phase Change Material (PCM) Pack Sales Market Share by Application (2020-2025)

Figure 50. China Reusable Phase Change Material (PCM) Pack Revenue Growth 2020-2025 (\$ millions)

Figure 51. Japan Reusable Phase Change Material (PCM) Pack Revenue Growth 2020-2025 (\$ millions)

Figure 52. South Korea Reusable Phase Change Material (PCM) Pack Revenue Growth 2020-2025 (\$ millions)

Figure 53. Southeast Asia Reusable Phase Change Material (PCM) Pack Revenue Growth 2020-2025 (\$ millions)

Figure 54. India Reusable Phase Change Material (PCM) Pack Revenue Growth 2020-2025 (\$ millions)

Figure 55. Australia Reusable Phase Change Material (PCM) Pack Revenue Growth 2020-2025 (\$ millions)

Figure 56. China Taiwan Reusable Phase Change Material (PCM) Pack Revenue Growth 2020-2025 (\$ millions)

Figure 57. Europe Reusable Phase Change Material (PCM) Pack Sales Market Share by Country in 2025

Figure 58. Europe Reusable Phase Change Material (PCM) Pack Revenue Market Share by Country (2020-2025)

Figure 59. Europe Reusable Phase Change Material (PCM) Pack Sales Market Share by Type (2020-2025)

Figure 60. Europe Reusable Phase Change Material (PCM) Pack Sales Market Share by Application (2020-2025)

Figure 61. Germany Reusable Phase Change Material (PCM) Pack Revenue Growth 2020-2025 (\$ millions)



Figure 62. France Reusable Phase Change Material (PCM) Pack Revenue Growth 2020-2025 (\$ millions)

Figure 63. UK Reusable Phase Change Material (PCM) Pack Revenue Growth 2020-2025 (\$ millions)

Figure 64. Italy Reusable Phase Change Material (PCM) Pack Revenue Growth 2020-2025 (\$ millions)

Figure 65. Russia Reusable Phase Change Material (PCM) Pack Revenue Growth 2020-2025 (\$ millions)

Figure 66. Middle East & Africa Reusable Phase Change Material (PCM) Pack Sales Market Share by Country (2020-2025)

Figure 67. Middle East & Africa Reusable Phase Change Material (PCM) Pack Sales Market Share by Type (2020-2025)

Figure 68. Middle East & Africa Reusable Phase Change Material (PCM) Pack Sales Market Share by Application (2020-2025)

Figure 69. Egypt Reusable Phase Change Material (PCM) Pack Revenue Growth 2020-2025 (\$ millions)

Figure 70. South Africa Reusable Phase Change Material (PCM) Pack Revenue Growth 2020-2025 (\$ millions)

Figure 71. Israel Reusable Phase Change Material (PCM) Pack Revenue Growth 2020-2025 (\$ millions)

Figure 72. Turkey Reusable Phase Change Material (PCM) Pack Revenue Growth 2020-2025 (\$ millions)

Figure 73. GCC Countries Reusable Phase Change Material (PCM) Pack Revenue Growth 2020-2025 (\$ millions)

Figure 74. Manufacturing Cost Structure Analysis of Reusable Phase Change Material (PCM) Pack in 2025

Figure 75. Manufacturing Process Analysis of Reusable Phase Change Material (PCM) Pack

Figure 76. Industry Chain Structure of Reusable Phase Change Material (PCM) Pack

Figure 77. Channels of Distribution

Figure 78. Global Reusable Phase Change Material (PCM) Pack Sales Market Forecast by Region (2026-2031)

Figure 79. Global Reusable Phase Change Material (PCM) Pack Revenue Market Share Forecast by Region (2026-2031)

Figure 80. Global Reusable Phase Change Material (PCM) Pack Sales Market Share Forecast by Type (2026-2031)

Figure 81. Global Reusable Phase Change Material (PCM) Pack Revenue Market Share Forecast by Type (2026-2031)

Figure 82. Global Reusable Phase Change Material (PCM) Pack Sales Market Share



Forecast by Application (2026-2031)

Figure 83. Global Reusable Phase Change Material (PCM) Pack Revenue Market Share Forecast by Application (2026-2031)



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