

Global Phase Change Material Coolant Market 2025 by Manufacturers, Regions, Type and Application, Forecast to 2031

<https://marketpublishers.com/r/GBBE90D3B17CEN.html>

Date: November 2025

Pages: 111

Price: US\$ 3,480.00 (Single User License)

ID: GBBE90D3B17CEN

Abstracts

According to our (Global Info Research) latest study, the global Phase Change Material Coolant market size was valued at US\$ million in 2024 and is forecast to a readjusted size of USD million by 2031 with a CAGR of %during review period.

In this report, we will assess the current U.S. tariff framework alongside international policy adaptations, analyzing their effects on competitive market structures, regional economic dynamics, and supply chain resilience.

Phase change material coolant, as the name implies, refers to a liquid that uses phase change materials (PCM) as a cooling medium. Phase change materials are substances that can undergo phase changes (such as from solid to liquid, or from liquid to solid) at a specific temperature and absorb or release a large amount of latent heat in the process. This unique property gives phase change materials a significant advantage in the field of coolants.

During the phase change process, the temperature of the phase change material remains almost unchanged, but it can absorb or release a large amount of heat. This property is called latent heat. When the phase change material is used as a coolant, it can maintain a stable temperature while absorbing heat, thereby effectively controlling the temperature of the object being cooled. Phase change material coolants are widely used in fields that require efficient thermal management, such as new energy vehicles, data centers, and electronic equipment heat dissipation.

The development status and dynamics of the phase change material coolant market can be summarized from the following aspects:

First, with the acceleration of industrialization and the improvement of global requirements for energy conservation and environmental protection, the phase change material coolant market has shown a growth trend. Phase change materials are widely used in the field of coolants due to their unique properties, such as the ability to change the state of matter and absorb or release a large amount of latent heat without changing the temperature, to improve cooling efficiency and energy utilization. Phase change material coolants are mainly used in the fields of automobiles, machinery, electricity, chemicals, etc., especially in high energy consumption and high heat dissipation demand occasions such as new energy vehicles and data centers. These fields have higher and higher performance requirements for coolants, which has promoted the development of the phase change material coolant market.

In addition, technological innovation is a key factor in promoting the development of the phase change material coolant market. Enterprises continue to develop new phase change materials, optimize coolant formulas, and improve cooling efficiency and service life to meet the needs of different fields. With the improvement of environmental awareness and the increasingly stringent environmental regulations, the market demand for environmentally friendly coolants continues to increase. Phase change material coolants, as a new type of environmentally friendly product, have the characteristics of non-toxic, harmless, and degradable, which meets the requirements of green development.

Phase change material coolants can be divided into low-temperature phase change material coolants, medium-temperature phase change material coolants and high-temperature phase change material coolants according to the phase change temperature.

The phase change temperature of low-temperature phase change material coolants is generally lower than 100°C, and common ones include hydrated salts, paraffin, etc. It is widely used in textiles, refrigeration equipment and other fields.

The phase change temperature range of medium-temperature phase change material coolants is between 100°C and 200°C, and it is mainly composed of organic matter and polymer materials. It is widely used in construction, mobile thermal storage technology and solar thermal storage and other fields.

The phase change temperature range of high-temperature phase change material coolants is between 200°C and 2000°C, and it is used in aerospace and military fields.

Phase change material coolants

The upstream is the raw material supplier, providing the main raw materials of coolants such as phase change materials, ethylene glycol, and glycerin

The midstream is the coolant manufacturer, which processes and mixes the raw materials to make phase change material coolant products that meet the requirements.

The downstream is mainly data centers and new energy vehicle manufacturers, which need to use phase change material coolants for thermal management and cooling.

In summary, the phase change material coolant market has broad development prospects and huge market potential.

This report is a detailed and comprehensive analysis for global Phase Change Material Coolant market. Both quantitative and qualitative analyses are presented by manufacturers, by region & country, by Type and by Application. As the market is constantly changing, this report explores the competition, supply and demand trends, as well as key factors that contribute to its changing demands across many markets. Company profiles and product examples of selected competitors, along with market share estimates of some of the selected leaders for the year 2025, are provided.

Key Features:

Global Phase Change Material Coolant market size and forecasts, in consumption value (\$ Million), sales quantity (Tons), and average selling prices (US\$/kg), 2020-2031

Global Phase Change Material Coolant market size and forecasts by region and country, in consumption value (\$ Million), sales quantity (Tons), and average selling prices (US\$/kg), 2020-2031

Global Phase Change Material Coolant market size and forecasts, by Type and by Application, in consumption value (\$ Million), sales quantity (Tons), and average selling prices (US\$/kg), 2020-2031

Global Phase Change Material Coolant market shares of main players, shipments in revenue (\$ Million), sales quantity (Tons), and ASP (US\$/kg), 2020-2025

The Primary Objectives in This Report Are:

- To determine the size of the total market opportunity of global and key countries
- To assess the growth potential for Phase Change Material Coolant
- To forecast future growth in each product and end-use market
- To assess competitive factors affecting the marketplace

This report profiles key players in the global Phase Change Material Coolant market based on the following parameters - company overview, sales quantity, revenue, price, gross margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include Chemours, PCM Products, Phase Change Solutions, Microtek Laboratories?, ExxonMobil, Shell, Zhejiang Juhua, Lanyang Technology, Zhejiang Noah Fluorine Chemicals, Shanghai Ruyi Environmental Technology, etc.

This report also provides key insights about market drivers, restraints, opportunities, new product launches or approvals.

Market Segmentation

Phase Change Material Coolant market is split by Type and by Application. For the period 2020-2031, the growth among segments provides accurate calculations and forecasts for consumption value by Type, and by Application in terms of volume and value. This analysis can help you expand your business by targeting qualified niche markets.

Market segment by Type

Organic

Inorganic

Compound

Market segment by Application

New Energy Vehicles

Data Centers

Electronic Equipment Cooling

Industrial Cooling

Other

Major players covered

Chemours

PCM Products

Phase Change Solutions

Microtek Laboratories?

ExxonMobil

Shell

Zhejiang Juhua

Lanyang Technology

Zhejiang Noah Fluorine Chemicals

Shanghai Ruyi Environmental Technology

Runhe High-Tech Materials

Market segment by region, regional analysis covers

North America (United States, Canada, and Mexico)

Europe (Germany, France, United Kingdom, Russia, Italy, and Rest of Europe)

Asia-Pacific (China, Japan, Korea, India, Southeast Asia, and Australia)

South America (Brazil, Argentina, Colombia, and Rest of South America)

Middle East & Africa (Saudi Arabia, UAE, Egypt, South Africa, and Rest of Middle East & Africa)

The content of the study subjects, includes a total of 15 chapters:

Chapter 1, to describe Phase Change Material Coolant product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of Phase Change Material Coolant, with price, sales quantity, revenue, and global market share of Phase Change Material Coolant from 2020 to 2025.

Chapter 3, the Phase Change Material Coolant competitive situation, sales quantity, revenue, and global market share of top manufacturers are analyzed emphatically by landscape contrast.

Chapter 4, the Phase Change Material Coolant breakdown data are shown at the regional level, to show the sales quantity, consumption value, and growth by regions, from 2020 to 2031.

Chapter 5 and 6, to segment the sales by Type and by Application, with sales market share and growth rate by Type, by Application, from 2020 to 2031.

Chapter 7, 8, 9, 10 and 11, to break the sales data at the country level, with sales quantity, consumption value, and market share for key countries in the world, from 2020 to 2025. and Phase Change Material Coolant market forecast, by regions, by Type, and by Application, with sales and revenue, from 2026 to 2031.

Chapter 12, market dynamics, drivers, restraints, trends, and Porters Five Forces analysis.

Chapter 13, the key raw materials and key suppliers, and industry chain of Phase Change Material Coolant.

Chapter 14 and 15, to describe Phase Change Material Coolant sales channel, distributors, customers, research findings and conclusion.

Contents

1 MARKET OVERVIEW

1.1 Product Overview and Scope

1.2 Market Estimation Caveats and Base Year

1.3 Market Analysis by Type

1.3.1 Overview: Global Phase Change Material Coolant Consumption Value by Type: 2020 Versus 2024 Versus 2031

1.3.2 Organic

1.3.3 Inorganic

1.3.4 Compound

1.4 Market Analysis by Application

1.4.1 Overview: Global Phase Change Material Coolant Consumption Value by Application: 2020 Versus 2024 Versus 2031

1.4.2 New Energy Vehicles

1.4.3 Data Centers

1.4.4 Electronic Equipment Cooling

1.4.5 Industrial Cooling

1.4.6 Other

1.5 Global Phase Change Material Coolant Market Size & Forecast

1.5.1 Global Phase Change Material Coolant Consumption Value (2020 & 2024 & 2031)

1.5.2 Global Phase Change Material Coolant Sales Quantity (2020-2031)

1.5.3 Global Phase Change Material Coolant Average Price (2020-2031)

2 MANUFACTURERS PROFILES

2.1 Chemours

2.1.1 Chemours Details

2.1.2 Chemours Major Business

2.1.3 Chemours Phase Change Material Coolant Product and Services

2.1.4 Chemours Phase Change Material Coolant Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)

2.1.5 Chemours Recent Developments/Updates

2.2 PCM Products

2.2.1 PCM Products Details

2.2.2 PCM Products Major Business

2.2.3 PCM Products Phase Change Material Coolant Product and Services

2.2.4 PCM Products Phase Change Material Coolant Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)

2.2.5 PCM Products Recent Developments/Updates

2.3 Phase Change Solutions

2.3.1 Phase Change Solutions Details

2.3.2 Phase Change Solutions Major Business

2.3.3 Phase Change Solutions Phase Change Material Coolant Product and Services

2.3.4 Phase Change Solutions Phase Change Material Coolant Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)

2.3.5 Phase Change Solutions Recent Developments/Updates

2.4 Microtek Laboratories?

2.4.1 Microtek Laboratories? Details

2.4.2 Microtek Laboratories? Major Business

2.4.3 Microtek Laboratories? Phase Change Material Coolant Product and Services

2.4.4 Microtek Laboratories? Phase Change Material Coolant Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)

2.4.5 Microtek Laboratories? Recent Developments/Updates

2.5 ExxonMobil

2.5.1 ExxonMobil Details

2.5.2 ExxonMobil Major Business

2.5.3 ExxonMobil Phase Change Material Coolant Product and Services

2.5.4 ExxonMobil Phase Change Material Coolant Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)

2.5.5 ExxonMobil Recent Developments/Updates

2.6 Shell

2.6.1 Shell Details

2.6.2 Shell Major Business

2.6.3 Shell Phase Change Material Coolant Product and Services

2.6.4 Shell Phase Change Material Coolant Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)

2.6.5 Shell Recent Developments/Updates

2.7 Zhejiang Juhua

2.7.1 Zhejiang Juhua Details

2.7.2 Zhejiang Juhua Major Business

2.7.3 Zhejiang Juhua Phase Change Material Coolant Product and Services

2.7.4 Zhejiang Juhua Phase Change Material Coolant Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)

2.7.5 Zhejiang Juhua Recent Developments/Updates

2.8 Lanyang Technology

- 2.8.1 Lanyang Technology Details
- 2.8.2 Lanyang Technology Major Business
- 2.8.3 Lanyang Technology Phase Change Material Coolant Product and Services
- 2.8.4 Lanyang Technology Phase Change Material Coolant Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)
- 2.8.5 Lanyang Technology Recent Developments/Updates
- 2.9 Zhejiang Noah Fluorine Chemicals
 - 2.9.1 Zhejiang Noah Fluorine Chemicals Details
 - 2.9.2 Zhejiang Noah Fluorine Chemicals Major Business
 - 2.9.3 Zhejiang Noah Fluorine Chemicals Phase Change Material Coolant Product and Services
 - 2.9.4 Zhejiang Noah Fluorine Chemicals Phase Change Material Coolant Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)
 - 2.9.5 Zhejiang Noah Fluorine Chemicals Recent Developments/Updates
- 2.10 Shanghai Ruyi Environmental Technology
 - 2.10.1 Shanghai Ruyi Environmental Technology Details
 - 2.10.2 Shanghai Ruyi Environmental Technology Major Business
 - 2.10.3 Shanghai Ruyi Environmental Technology Phase Change Material Coolant Product and Services
 - 2.10.4 Shanghai Ruyi Environmental Technology Phase Change Material Coolant Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)
 - 2.10.5 Shanghai Ruyi Environmental Technology Recent Developments/Updates
- 2.11 Runhe High-Tech Materials
 - 2.11.1 Runhe High-Tech Materials Details
 - 2.11.2 Runhe High-Tech Materials Major Business
 - 2.11.3 Runhe High-Tech Materials Phase Change Material Coolant Product and Services
 - 2.11.4 Runhe High-Tech Materials Phase Change Material Coolant Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)
 - 2.11.5 Runhe High-Tech Materials Recent Developments/Updates

3 COMPETITIVE ENVIRONMENT: PHASE CHANGE MATERIAL COOLANT BY MANUFACTURER

- 3.1 Global Phase Change Material Coolant Sales Quantity by Manufacturer (2020-2025)
- 3.2 Global Phase Change Material Coolant Revenue by Manufacturer (2020-2025)
- 3.3 Global Phase Change Material Coolant Average Price by Manufacturer (2020-2025)
- 3.4 Market Share Analysis (2024)

- 3.4.1 Producer Shipments of Phase Change Material Coolant by Manufacturer Revenue (\$MM) and Market Share (%): 2024
- 3.4.2 Top 3 Phase Change Material Coolant Manufacturer Market Share in 2024
- 3.4.3 Top 6 Phase Change Material Coolant Manufacturer Market Share in 2024
- 3.5 Phase Change Material Coolant Market: Overall Company Footprint Analysis
 - 3.5.1 Phase Change Material Coolant Market: Region Footprint
 - 3.5.2 Phase Change Material Coolant Market: Company Product Type Footprint
 - 3.5.3 Phase Change Material Coolant Market: Company Product Application Footprint
- 3.6 New Market Entrants and Barriers to Market Entry
- 3.7 Mergers, Acquisition, Agreements, and Collaborations

4 CONSUMPTION ANALYSIS BY REGION

- 4.1 Global Phase Change Material Coolant Market Size by Region
 - 4.1.1 Global Phase Change Material Coolant Sales Quantity by Region (2020-2031)
 - 4.1.2 Global Phase Change Material Coolant Consumption Value by Region (2020-2031)
 - 4.1.3 Global Phase Change Material Coolant Average Price by Region (2020-2031)
- 4.2 North America Phase Change Material Coolant Consumption Value (2020-2031)
- 4.3 Europe Phase Change Material Coolant Consumption Value (2020-2031)
- 4.4 Asia-Pacific Phase Change Material Coolant Consumption Value (2020-2031)
- 4.5 South America Phase Change Material Coolant Consumption Value (2020-2031)
- 4.6 Middle East & Africa Phase Change Material Coolant Consumption Value (2020-2031)

5 MARKET SEGMENT BY TYPE

- 5.1 Global Phase Change Material Coolant Sales Quantity by Type (2020-2031)
- 5.2 Global Phase Change Material Coolant Consumption Value by Type (2020-2031)
- 5.3 Global Phase Change Material Coolant Average Price by Type (2020-2031)

6 MARKET SEGMENT BY APPLICATION

- 6.1 Global Phase Change Material Coolant Sales Quantity by Application (2020-2031)
- 6.2 Global Phase Change Material Coolant Consumption Value by Application (2020-2031)
- 6.3 Global Phase Change Material Coolant Average Price by Application (2020-2031)

7 NORTH AMERICA

7.1 North America Phase Change Material Coolant Sales Quantity by Type (2020-2031)

7.2 North America Phase Change Material Coolant Sales Quantity by Application (2020-2031)

7.3 North America Phase Change Material Coolant Market Size by Country

7.3.1 North America Phase Change Material Coolant Sales Quantity by Country (2020-2031)

7.3.2 North America Phase Change Material Coolant Consumption Value by Country (2020-2031)

7.3.3 United States Market Size and Forecast (2020-2031)

7.3.4 Canada Market Size and Forecast (2020-2031)

7.3.5 Mexico Market Size and Forecast (2020-2031)

8 EUROPE

8.1 Europe Phase Change Material Coolant Sales Quantity by Type (2020-2031)

8.2 Europe Phase Change Material Coolant Sales Quantity by Application (2020-2031)

8.3 Europe Phase Change Material Coolant Market Size by Country

8.3.1 Europe Phase Change Material Coolant Sales Quantity by Country (2020-2031)

8.3.2 Europe Phase Change Material Coolant Consumption Value by Country (2020-2031)

8.3.3 Germany Market Size and Forecast (2020-2031)

8.3.4 France Market Size and Forecast (2020-2031)

8.3.5 United Kingdom Market Size and Forecast (2020-2031)

8.3.6 Russia Market Size and Forecast (2020-2031)

8.3.7 Italy Market Size and Forecast (2020-2031)

9 ASIA-PACIFIC

9.1 Asia-Pacific Phase Change Material Coolant Sales Quantity by Type (2020-2031)

9.2 Asia-Pacific Phase Change Material Coolant Sales Quantity by Application (2020-2031)

9.3 Asia-Pacific Phase Change Material Coolant Market Size by Region

9.3.1 Asia-Pacific Phase Change Material Coolant Sales Quantity by Region (2020-2031)

9.3.2 Asia-Pacific Phase Change Material Coolant Consumption Value by Region (2020-2031)

9.3.3 China Market Size and Forecast (2020-2031)

9.3.4 Japan Market Size and Forecast (2020-2031)

- 9.3.5 South Korea Market Size and Forecast (2020-2031)
- 9.3.6 India Market Size and Forecast (2020-2031)
- 9.3.7 Southeast Asia Market Size and Forecast (2020-2031)
- 9.3.8 Australia Market Size and Forecast (2020-2031)

10 SOUTH AMERICA

- 10.1 South America Phase Change Material Coolant Sales Quantity by Type (2020-2031)
- 10.2 South America Phase Change Material Coolant Sales Quantity by Application (2020-2031)
- 10.3 South America Phase Change Material Coolant Market Size by Country
 - 10.3.1 South America Phase Change Material Coolant Sales Quantity by Country (2020-2031)
 - 10.3.2 South America Phase Change Material Coolant Consumption Value by Country (2020-2031)
 - 10.3.3 Brazil Market Size and Forecast (2020-2031)
 - 10.3.4 Argentina Market Size and Forecast (2020-2031)

11 MIDDLE EAST & AFRICA

- 11.1 Middle East & Africa Phase Change Material Coolant Sales Quantity by Type (2020-2031)
- 11.2 Middle East & Africa Phase Change Material Coolant Sales Quantity by Application (2020-2031)
- 11.3 Middle East & Africa Phase Change Material Coolant Market Size by Country
 - 11.3.1 Middle East & Africa Phase Change Material Coolant Sales Quantity by Country (2020-2031)
 - 11.3.2 Middle East & Africa Phase Change Material Coolant Consumption Value by Country (2020-2031)
 - 11.3.3 Turkey Market Size and Forecast (2020-2031)
 - 11.3.4 Egypt Market Size and Forecast (2020-2031)
 - 11.3.5 Saudi Arabia Market Size and Forecast (2020-2031)
 - 11.3.6 South Africa Market Size and Forecast (2020-2031)

12 MARKET DYNAMICS

- 12.1 Phase Change Material Coolant Market Drivers
- 12.2 Phase Change Material Coolant Market Restraints

12.3 Phase Change Material Coolant Trends Analysis

12.4 Porters Five Forces Analysis

12.4.1 Threat of New Entrants

12.4.2 Bargaining Power of Suppliers

12.4.3 Bargaining Power of Buyers

12.4.4 Threat of Substitutes

12.4.5 Competitive Rivalry

13 RAW MATERIAL AND INDUSTRY CHAIN

13.1 Raw Material of Phase Change Material Coolant and Key Manufacturers

13.2 Manufacturing Costs Percentage of Phase Change Material Coolant

13.3 Phase Change Material Coolant Production Process

13.4 Industry Value Chain Analysis

14 SHIPMENTS BY DISTRIBUTION CHANNEL

14.1 Sales Channel

14.1.1 Direct to End-User

14.1.2 Distributors

14.2 Phase Change Material Coolant Typical Distributors

14.3 Phase Change Material Coolant Typical Customers

15 RESEARCH FINDINGS AND CONCLUSION

16 APPENDIX

16.1 Methodology

16.2 Research Process and Data Source

16.3 Disclaimer

List Of Tables

LIST OF TABLES

Table 1. Global Phase Change Material Coolant Consumption Value by Type, (USD Million), 2020 & 2024 & 2031

Table 2. Global Phase Change Material Coolant Consumption Value by Application, (USD Million), 2020 & 2024 & 2031

Table 3. Chemours Basic Information, Manufacturing Base and Competitors

Table 4. Chemours Major Business

Table 5. Chemours Phase Change Material Coolant Product and Services

Table 6. Chemours Phase Change Material Coolant Sales Quantity (Tons), Average Price (US\$/kg), Revenue (USD Million), Gross Margin and Market Share (2020-2025)

Table 7. Chemours Recent Developments/Updates

Table 8. PCM Products Basic Information, Manufacturing Base and Competitors

Table 9. PCM Products Major Business

Table 10. PCM Products Phase Change Material Coolant Product and Services

Table 11. PCM Products Phase Change Material Coolant Sales Quantity (Tons), Average Price (US\$/kg), Revenue (USD Million), Gross Margin and Market Share (2020-2025)

Table 12. PCM Products Recent Developments/Updates

Table 13. Phase Change Solutions Basic Information, Manufacturing Base and Competitors

Table 14. Phase Change Solutions Major Business

Table 15. Phase Change Solutions Phase Change Material Coolant Product and Services

Table 16. Phase Change Solutions Phase Change Material Coolant Sales Quantity (Tons), Average Price (US\$/kg), Revenue (USD Million), Gross Margin and Market Share (2020-2025)

Table 17. Phase Change Solutions Recent Developments/Updates

Table 18. Microtek Laboratories? Basic Information, Manufacturing Base and Competitors

Table 19. Microtek Laboratories? Major Business

Table 20. Microtek Laboratories? Phase Change Material Coolant Product and Services

Table 21. Microtek Laboratories? Phase Change Material Coolant Sales Quantity (Tons), Average Price (US\$/kg), Revenue (USD Million), Gross Margin and Market Share (2020-2025)

Table 22. Microtek Laboratories? Recent Developments/Updates

Table 23. ExxonMobil Basic Information, Manufacturing Base and Competitors

Table 24. ExxonMobil Major Business

Table 25. ExxonMobil Phase Change Material Coolant Product and Services

Table 26. ExxonMobil Phase Change Material Coolant Sales Quantity (Tons), Average Price (US\$/kg), Revenue (USD Million), Gross Margin and Market Share (2020-2025)

Table 27. ExxonMobil Recent Developments/Updates

Table 28. Shell Basic Information, Manufacturing Base and Competitors

Table 29. Shell Major Business

Table 30. Shell Phase Change Material Coolant Product and Services

Table 31. Shell Phase Change Material Coolant Sales Quantity (Tons), Average Price (US\$/kg), Revenue (USD Million), Gross Margin and Market Share (2020-2025)

Table 32. Shell Recent Developments/Updates

Table 33. Zhejiang Juhua Basic Information, Manufacturing Base and Competitors

Table 34. Zhejiang Juhua Major Business

Table 35. Zhejiang Juhua Phase Change Material Coolant Product and Services

Table 36. Zhejiang Juhua Phase Change Material Coolant Sales Quantity (Tons), Average Price (US\$/kg), Revenue (USD Million), Gross Margin and Market Share (2020-2025)

Table 37. Zhejiang Juhua Recent Developments/Updates

Table 38. Lanyang Technology Basic Information, Manufacturing Base and Competitors

Table 39. Lanyang Technology Major Business

Table 40. Lanyang Technology Phase Change Material Coolant Product and Services

Table 41. Lanyang Technology Phase Change Material Coolant Sales Quantity (Tons), Average Price (US\$/kg), Revenue (USD Million), Gross Margin and Market Share (2020-2025)

Table 42. Lanyang Technology Recent Developments/Updates

Table 43. Zhejiang Noah Fluorine Chemicals Basic Information, Manufacturing Base and Competitors

Table 44. Zhejiang Noah Fluorine Chemicals Major Business

Table 45. Zhejiang Noah Fluorine Chemicals Phase Change Material Coolant Product and Services

Table 46. Zhejiang Noah Fluorine Chemicals Phase Change Material Coolant Sales Quantity (Tons), Average Price (US\$/kg), Revenue (USD Million), Gross Margin and Market Share (2020-2025)

Table 47. Zhejiang Noah Fluorine Chemicals Recent Developments/Updates

Table 48. Shanghai Ruyi Environmental Technology Basic Information, Manufacturing Base and Competitors

Table 49. Shanghai Ruyi Environmental Technology Major Business

Table 50. Shanghai Ruyi Environmental Technology Phase Change Material Coolant Product and Services

Table 51. Shanghai Ruyi Environmental Technology Phase Change Material Coolant Sales Quantity (Tons), Average Price (US\$/kg), Revenue (USD Million), Gross Margin and Market Share (2020-2025)

Table 52. Shanghai Ruyi Environmental Technology Recent Developments/Updates

Table 53. Runhe High-Tech Materials Basic Information, Manufacturing Base and Competitors

Table 54. Runhe High-Tech Materials Major Business

Table 55. Runhe High-Tech Materials Phase Change Material Coolant Product and Services

Table 56. Runhe High-Tech Materials Phase Change Material Coolant Sales Quantity (Tons), Average Price (US\$/kg), Revenue (USD Million), Gross Margin and Market Share (2020-2025)

Table 57. Runhe High-Tech Materials Recent Developments/Updates

Table 58. Global Phase Change Material Coolant Sales Quantity by Manufacturer (2020-2025) & (Tons)

Table 59. Global Phase Change Material Coolant Revenue by Manufacturer (2020-2025) & (USD Million)

Table 60. Global Phase Change Material Coolant Average Price by Manufacturer (2020-2025) & (US\$/kg)

Table 61. Market Position of Manufacturers in Phase Change Material Coolant, (Tier 1, Tier 2, and Tier 3), Based on Revenue in 2024

Table 62. Head Office and Phase Change Material Coolant Production Site of Key Manufacturer

Table 63. Phase Change Material Coolant Market: Company Product Type Footprint

Table 64. Phase Change Material Coolant Market: Company Product Application Footprint

Table 65. Phase Change Material Coolant New Market Entrants and Barriers to Market Entry

Table 66. Phase Change Material Coolant Mergers, Acquisition, Agreements, and Collaborations

Table 67. Global Phase Change Material Coolant Consumption Value by Region (2020-2024-2031) & (USD Million) & CAGR

Table 68. Global Phase Change Material Coolant Sales Quantity by Region (2020-2025) & (Tons)

Table 69. Global Phase Change Material Coolant Sales Quantity by Region (2026-2031) & (Tons)

Table 70. Global Phase Change Material Coolant Consumption Value by Region (2020-2025) & (USD Million)

Table 71. Global Phase Change Material Coolant Consumption Value by Region

(2026-2031) & (USD Million)

Table 72. Global Phase Change Material Coolant Average Price by Region (2020-2025) & (US\$/kg)

Table 73. Global Phase Change Material Coolant Average Price by Region (2026-2031) & (US\$/kg)

Table 74. Global Phase Change Material Coolant Sales Quantity by Type (2020-2025) & (Tons)

Table 75. Global Phase Change Material Coolant Sales Quantity by Type (2026-2031) & (Tons)

Table 76. Global Phase Change Material Coolant Consumption Value by Type (2020-2025) & (USD Million)

Table 77. Global Phase Change Material Coolant Consumption Value by Type (2026-2031) & (USD Million)

Table 78. Global Phase Change Material Coolant Average Price by Type (2020-2025) & (US\$/kg)

Table 79. Global Phase Change Material Coolant Average Price by Type (2026-2031) & (US\$/kg)

Table 80. Global Phase Change Material Coolant Sales Quantity by Application (2020-2025) & (Tons)

Table 81. Global Phase Change Material Coolant Sales Quantity by Application (2026-2031) & (Tons)

Table 82. Global Phase Change Material Coolant Consumption Value by Application (2020-2025) & (USD Million)

Table 83. Global Phase Change Material Coolant Consumption Value by Application (2026-2031) & (USD Million)

Table 84. Global Phase Change Material Coolant Average Price by Application (2020-2025) & (US\$/kg)

Table 85. Global Phase Change Material Coolant Average Price by Application (2026-2031) & (US\$/kg)

Table 86. North America Phase Change Material Coolant Sales Quantity by Type (2020-2025) & (Tons)

Table 87. North America Phase Change Material Coolant Sales Quantity by Type (2026-2031) & (Tons)

Table 88. North America Phase Change Material Coolant Sales Quantity by Application (2020-2025) & (Tons)

Table 89. North America Phase Change Material Coolant Sales Quantity by Application (2026-2031) & (Tons)

Table 90. North America Phase Change Material Coolant Sales Quantity by Country (2020-2025) & (Tons)

Table 91. North America Phase Change Material Coolant Sales Quantity by Country (2026-2031) & (Tons)

Table 92. North America Phase Change Material Coolant Consumption Value by Country (2020-2025) & (USD Million)

Table 93. North America Phase Change Material Coolant Consumption Value by Country (2026-2031) & (USD Million)

Table 94. Europe Phase Change Material Coolant Sales Quantity by Type (2020-2025) & (Tons)

Table 95. Europe Phase Change Material Coolant Sales Quantity by Type (2026-2031) & (Tons)

Table 96. Europe Phase Change Material Coolant Sales Quantity by Application (2020-2025) & (Tons)

Table 97. Europe Phase Change Material Coolant Sales Quantity by Application (2026-2031) & (Tons)

Table 98. Europe Phase Change Material Coolant Sales Quantity by Country (2020-2025) & (Tons)

Table 99. Europe Phase Change Material Coolant Sales Quantity by Country (2026-2031) & (Tons)

Table 100. Europe Phase Change Material Coolant Consumption Value by Country (2020-2025) & (USD Million)

Table 101. Europe Phase Change Material Coolant Consumption Value by Country (2026-2031) & (USD Million)

Table 102. Asia-Pacific Phase Change Material Coolant Sales Quantity by Type (2020-2025) & (Tons)

Table 103. Asia-Pacific Phase Change Material Coolant Sales Quantity by Type (2026-2031) & (Tons)

Table 104. Asia-Pacific Phase Change Material Coolant Sales Quantity by Application (2020-2025) & (Tons)

Table 105. Asia-Pacific Phase Change Material Coolant Sales Quantity by Application (2026-2031) & (Tons)

Table 106. Asia-Pacific Phase Change Material Coolant Sales Quantity by Region (2020-2025) & (Tons)

Table 107. Asia-Pacific Phase Change Material Coolant Sales Quantity by Region (2026-2031) & (Tons)

Table 108. Asia-Pacific Phase Change Material Coolant Consumption Value by Region (2020-2025) & (USD Million)

Table 109. Asia-Pacific Phase Change Material Coolant Consumption Value by Region (2026-2031) & (USD Million)

Table 110. South America Phase Change Material Coolant Sales Quantity by Type

(2020-2025) & (Tons)

Table 111. South America Phase Change Material Coolant Sales Quantity by Type (2026-2031) & (Tons)

Table 112. South America Phase Change Material Coolant Sales Quantity by Application (2020-2025) & (Tons)

Table 113. South America Phase Change Material Coolant Sales Quantity by Application (2026-2031) & (Tons)

Table 114. South America Phase Change Material Coolant Sales Quantity by Country (2020-2025) & (Tons)

Table 115. South America Phase Change Material Coolant Sales Quantity by Country (2026-2031) & (Tons)

Table 116. South America Phase Change Material Coolant Consumption Value by Country (2020-2025) & (USD Million)

Table 117. South America Phase Change Material Coolant Consumption Value by Country (2026-2031) & (USD Million)

Table 118. Middle East & Africa Phase Change Material Coolant Sales Quantity by Type (2020-2025) & (Tons)

Table 119. Middle East & Africa Phase Change Material Coolant Sales Quantity by Type (2026-2031) & (Tons)

Table 120. Middle East & Africa Phase Change Material Coolant Sales Quantity by Application (2020-2025) & (Tons)

Table 121. Middle East & Africa Phase Change Material Coolant Sales Quantity by Application (2026-2031) & (Tons)

Table 122. Middle East & Africa Phase Change Material Coolant Sales Quantity by Country (2020-2025) & (Tons)

Table 123. Middle East & Africa Phase Change Material Coolant Sales Quantity by Country (2026-2031) & (Tons)

Table 124. Middle East & Africa Phase Change Material Coolant Consumption Value by Country (2020-2025) & (USD Million)

Table 125. Middle East & Africa Phase Change Material Coolant Consumption Value by Country (2026-2031) & (USD Million)

Table 126. Phase Change Material Coolant Raw Material

Table 127. Key Manufacturers of Phase Change Material Coolant Raw Materials

Table 128. Phase Change Material Coolant Typical Distributors

Table 129. Phase Change Material Coolant Typical Customers

List Of Figures

LIST OF FIGURES

- Figure 1. Phase Change Material Coolant Picture
- Figure 2. Global Phase Change Material Coolant Revenue by Type, (USD Million), 2020 & 2024 & 2031
- Figure 3. Global Phase Change Material Coolant Revenue Market Share by Type in 2024
- Figure 4. Organic Examples
- Figure 5. Inorganic Examples
- Figure 6. Compound Examples
- Figure 7. Global Phase Change Material Coolant Consumption Value by Application, (USD Million), 2020 & 2024 & 2031
- Figure 8. Global Phase Change Material Coolant Revenue Market Share by Application in 2024
- Figure 9. New Energy Vehicles Examples
- Figure 10. Data Centers Examples
- Figure 11. Electronic Equipment Cooling Examples
- Figure 12. Industrial Cooling Examples
- Figure 13. Other Examples
- Figure 14. Global Phase Change Material Coolant Consumption Value, (USD Million): 2020 & 2024 & 2031
- Figure 15. Global Phase Change Material Coolant Consumption Value and Forecast (2020-2031) & (USD Million)
- Figure 16. Global Phase Change Material Coolant Sales Quantity (2020-2031) & (Tons)
- Figure 17. Global Phase Change Material Coolant Price (2020-2031) & (US\$/kg)
- Figure 18. Global Phase Change Material Coolant Sales Quantity Market Share by Manufacturer in 2024
- Figure 19. Global Phase Change Material Coolant Revenue Market Share by Manufacturer in 2024
- Figure 20. Producer Shipments of Phase Change Material Coolant by Manufacturer Sales (\$MM) and Market Share (%): 2024
- Figure 21. Top 3 Phase Change Material Coolant Manufacturer (Revenue) Market Share in 2024
- Figure 22. Top 6 Phase Change Material Coolant Manufacturer (Revenue) Market Share in 2024
- Figure 23. Global Phase Change Material Coolant Sales Quantity Market Share by Region (2020-2031)

Figure 24. Global Phase Change Material Coolant Consumption Value Market Share by Region (2020-2031)

Figure 25. North America Phase Change Material Coolant Consumption Value (2020-2031) & (USD Million)

Figure 26. Europe Phase Change Material Coolant Consumption Value (2020-2031) & (USD Million)

Figure 27. Asia-Pacific Phase Change Material Coolant Consumption Value (2020-2031) & (USD Million)

Figure 28. South America Phase Change Material Coolant Consumption Value (2020-2031) & (USD Million)

Figure 29. Middle East & Africa Phase Change Material Coolant Consumption Value (2020-2031) & (USD Million)

Figure 30. Global Phase Change Material Coolant Sales Quantity Market Share by Type (2020-2031)

Figure 31. Global Phase Change Material Coolant Consumption Value Market Share by Type (2020-2031)

Figure 32. Global Phase Change Material Coolant Average Price by Type (2020-2031) & (US\$/kg)

Figure 33. Global Phase Change Material Coolant Sales Quantity Market Share by Application (2020-2031)

Figure 34. Global Phase Change Material Coolant Revenue Market Share by Application (2020-2031)

Figure 35. Global Phase Change Material Coolant Average Price by Application (2020-2031) & (US\$/kg)

Figure 36. North America Phase Change Material Coolant Sales Quantity Market Share by Type (2020-2031)

Figure 37. North America Phase Change Material Coolant Sales Quantity Market Share by Application (2020-2031)

Figure 38. North America Phase Change Material Coolant Sales Quantity Market Share by Country (2020-2031)

Figure 39. North America Phase Change Material Coolant Consumption Value Market Share by Country (2020-2031)

Figure 40. United States Phase Change Material Coolant Consumption Value (2020-2031) & (USD Million)

Figure 41. Canada Phase Change Material Coolant Consumption Value (2020-2031) & (USD Million)

Figure 42. Mexico Phase Change Material Coolant Consumption Value (2020-2031) & (USD Million)

Figure 43. Europe Phase Change Material Coolant Sales Quantity Market Share by

Type (2020-2031)

Figure 44. Europe Phase Change Material Coolant Sales Quantity Market Share by Application (2020-2031)

Figure 45. Europe Phase Change Material Coolant Sales Quantity Market Share by Country (2020-2031)

Figure 46. Europe Phase Change Material Coolant Consumption Value Market Share by Country (2020-2031)

Figure 47. Germany Phase Change Material Coolant Consumption Value (2020-2031) & (USD Million)

Figure 48. France Phase Change Material Coolant Consumption Value (2020-2031) & (USD Million)

Figure 49. United Kingdom Phase Change Material Coolant Consumption Value (2020-2031) & (USD Million)

Figure 50. Russia Phase Change Material Coolant Consumption Value (2020-2031) & (USD Million)

Figure 51. Italy Phase Change Material Coolant Consumption Value (2020-2031) & (USD Million)

Figure 52. Asia-Pacific Phase Change Material Coolant Sales Quantity Market Share by Type (2020-2031)

Figure 53. Asia-Pacific Phase Change Material Coolant Sales Quantity Market Share by Application (2020-2031)

Figure 54. Asia-Pacific Phase Change Material Coolant Sales Quantity Market Share by Region (2020-2031)

Figure 55. Asia-Pacific Phase Change Material Coolant Consumption Value Market Share by Region (2020-2031)

Figure 56. China Phase Change Material Coolant Consumption Value (2020-2031) & (USD Million)

Figure 57. Japan Phase Change Material Coolant Consumption Value (2020-2031) & (USD Million)

Figure 58. South Korea Phase Change Material Coolant Consumption Value (2020-2031) & (USD Million)

Figure 59. India Phase Change Material Coolant Consumption Value (2020-2031) & (USD Million)

Figure 60. Southeast Asia Phase Change Material Coolant Consumption Value (2020-2031) & (USD Million)

Figure 61. Australia Phase Change Material Coolant Consumption Value (2020-2031) & (USD Million)

Figure 62. South America Phase Change Material Coolant Sales Quantity Market Share by Type (2020-2031)

Figure 63. South America Phase Change Material Coolant Sales Quantity Market Share by Application (2020-2031)

Figure 64. South America Phase Change Material Coolant Sales Quantity Market Share by Country (2020-2031)

Figure 65. South America Phase Change Material Coolant Consumption Value Market Share by Country (2020-2031)

Figure 66. Brazil Phase Change Material Coolant Consumption Value (2020-2031) & (USD Million)

Figure 67. Argentina Phase Change Material Coolant Consumption Value (2020-2031) & (USD Million)

Figure 68. Middle East & Africa Phase Change Material Coolant Sales Quantity Market Share by Type (2020-2031)

Figure 69. Middle East & Africa Phase Change Material Coolant Sales Quantity Market Share by Application (2020-2031)

Figure 70. Middle East & Africa Phase Change Material Coolant Sales Quantity Market Share by Country (2020-2031)

Figure 71. Middle East & Africa Phase Change Material Coolant Consumption Value Market Share by Country (2020-2031)

Figure 72. Turkey Phase Change Material Coolant Consumption Value (2020-2031) & (USD Million)

Figure 73. Egypt Phase Change Material Coolant Consumption Value (2020-2031) & (USD Million)

Figure 74. Saudi Arabia Phase Change Material Coolant Consumption Value (2020-2031) & (USD Million)

Figure 75. South Africa Phase Change Material Coolant Consumption Value (2020-2031) & (USD Million)

Figure 76. Phase Change Material Coolant Market Drivers

Figure 77. Phase Change Material Coolant Market Restraints

Figure 78. Phase Change Material Coolant Market Trends

Figure 79. Porters Five Forces Analysis

Figure 80. Manufacturing Cost Structure Analysis of Phase Change Material Coolant in 2024

Figure 81. Manufacturing Process Analysis of Phase Change Material Coolant

Figure 82. Phase Change Material Coolant Industrial Chain

Figure 83. Sales Channel: Direct to End-User vs Distributors

Figure 84. Direct Channel Pros & Cons

Figure 85. Indirect Channel Pros & Cons

Figure 86. Methodology

Figure 87. Research Process and Data Source

I would like to order

Product name: Global Phase Change Material Coolant Market 2025 by Manufacturers, Regions, Type and Application, Forecast to 2031

Product link: <https://marketpublishers.com/r/GBBE90D3B17CEN.html>

Price: US\$ 3,480.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/GBBE90D3B17CEN.html>