

Global Inorganic Advanced Phase Change Materials (PCM) Market 2025 by Manufacturers, Regions, Type and Application, Forecast to 2031

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Abstracts

According to our (Global Info Research) latest study, the global Inorganic Advanced Phase Change Materials (PCM) market size was valued at US\$ 240 million in 2024 and is forecast to a readjusted size of USD 362 million by 2031 with a CAGR of 6.1% during review period.

Global key players of Inorganic Advanced Phase Change Materials (PCM) include Insolcorp, Inc, Rubitherm Technologies GmbH, PCM Products, etc. The top three players hold a share about 61%. Europe is the largest market, and has a share about 45%, followed by Asia-Pacific and North America with share 43% and 10%, separately. In terms of product type, Salt Hydrate Phase Change Material is the largest segment, accounting for a share of 79%. In terms of application, Cold Chain Transportation is the largest field with a share about 30 percent.

This report is a detailed and comprehensive analysis for global Inorganic Advanced Phase Change Materials (PCM) 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 Inorganic Advanced Phase Change Materials (PCM) market size and forecasts, in consumption value (\$ Million), sales quantity (Tons), and average selling prices

(US\$/kg), 2020-2031

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

Global Inorganic Advanced Phase Change Materials (PCM) 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 Inorganic Advanced Phase Change Materials (PCM) 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 Inorganic Advanced Phase Change Materials (PCM)

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 Inorganic Advanced Phase Change Materials (PCM) 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 Insolcorp, Inc, Rubitherm Technologies GmbH, PCM Products, PLUSS Advanced Technologies, Phase Change Products Pty Ltd (PCP), Guangzhou Zhongjia, Climator Sweden AB, BOCA International, AXIOTHERM, etc.

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

Market Segmentation

Inorganic Advanced Phase Change Materials (PCM) 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

Salt Hydrate Phase Change Material

Molten Salt Phase Change Material

Metallic Inorganic Phase Change Material

Market segment by Application

Architecture

Cold Chain Transportation

Air Conditioner

Energy Storage

Other

Major players covered

Insolcorp, Inc

Rubitherm Technologies GmbH

PCM Products

PLUSS Advanced Technologies

Phase Change Products Pty Ltd (PCP)

Guangzhou Zhongjia

Climator Sweden AB

BOCA International

AXIOTHERM

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 Inorganic Advanced Phase Change Materials (PCM) product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of Inorganic Advanced Phase Change Materials (PCM), with price, sales quantity, revenue, and global market share of Inorganic Advanced Phase Change Materials (PCM) from 2020 to 2025.

Chapter 3, the Inorganic Advanced Phase Change Materials (PCM) competitive situation, sales quantity, revenue, and global market share of top manufacturers are analyzed emphatically by landscape contrast.

Chapter 4, the Inorganic Advanced Phase Change Materials (PCM) 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 Inorganic Advanced Phase Change Materials (PCM) 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 Inorganic Advanced Phase Change Materials (PCM).

Chapter 14 and 15, to describe Inorganic Advanced Phase Change Materials (PCM) sales channel, distributors, customers, research findings and conclusion.

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