

United States Ground and Precipitated Calcium Carbonate Market Report and Forecast 2025-2034

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Report description:

The United States ground and precipitated calcium carbonate market was valued at USD 4.58 Billion in 2024. The industry is expected to grow at a CAGR of 3.60% during the forecast period of 2025-2034 to attain a valuation of USD 6.52 Billion by 2034.

United States Ground and Precipitated Calcium Carbonate Market Outlook

The market in the United States is assessed to witness robust growth, driven by rising demand for the product from the paper, plastic, construction, and pharmaceutical industries. In the construction industry, calcium carbonate is used to produce cement, concrete, and other building materials. The rising construction activities in the country is providing lucrative United States ground and precipitated calcium carbonate market opportunities. For instance, new housing starts in the USA surged by 10.7% in February 2024, reaching an annual 1.52 million units. This indicates a strong demand for construction materials like calcium carbonate.

Additionally, calcium carbonate is used in pharmaceuticals as a supplement for calcium, which is often used by ageing population to maintain their bone health. It is also used as filler in paper industry to improve paper's quality and lower production costs. As the consumption of packaging material and printing paper rises, the ground and precipitated calcium carbonate demand is set to increase. Moreover, the Environmental Protection Agency (EPA) in US has approved calcium carbonate as a safe material for use in water treatment and desulfurisation processes. This regulatory support further fuels the adoption of the product.

Ground Calcium Carbonate (GCC) Holds a Substantial United States Ground and Precipitated Calcium Carbonate Market Share Due to its Cost-Effectiveness

The market is segmented by type, where the ground calcium carbonate (GCC) segment is anticipated to exhibit the highest growth rate in the United States market with a CAGR of 4.0% from 2024 to 2032. Precipitated calcium carbonate (PCC) is

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expected to grow at a rate of 3.2%. As per United States ground and precipitated calcium carbonate industry analysis, this indicates a strong preference for GCC due to its widespread use and cost-effectiveness in various applications, while PCC continues to gain traction for its higher purity and finer particle size, which are advantageous in specialised applications.

Rising Demand for Lightweight Plastic Products and Growing Shift Towards Paper Packaging are Some of the Major United States Ground and Precipitated Calcium Carbonate Market Trends

- In terms of application, the paper sector is expected to dominate the market with the highest CAGR of 4.1% over the forecast period.
- The plastics sector follows closely with a projected CAGR of 3.9%, driven by the increasing demand for lightweight and durable plastic products.
- The paints and coatings segment is anticipated to grow at a rate of 3.7%, while the adhesives and sealants segment will see a growth rate of 3.5%, which can affect United States ground and precipitated calcium carbonate market revenue.
- Other applications will experience a growth rate of 3.2%, highlighting the versatile use of calcium carbonate across various industries in the United States.

United States Ground and Precipitated Calcium Carbonate Market Growth Rates Varies Across Different Regions of the Country

The Far West region is expected to lead with the highest compound annual growth rate (CAGR) of 4.2%, followed by the Rocky Mountain region at 3.9%. The Southwest and Southeast regions will also see substantial growth, with CAGRs of 3.7% and 3.6%, respectively. Other regions, including New England (3.3%), the Mideast (3.1%), the Plains (2.9%), and the Great Lakes (2.7%), will contribute to the overall growth of the United States ground and precipitated calcium carbonate market.

Key Questions Answered in the Report:

- How has the United States ground and precipitated calcium carbonate market performed historically, and what are the growth expectations for the future?
- What are the primary factors influencing demand and growth in the United States ground and precipitated calcium carbonate market?
- What are the key segments within the United States ground and precipitated calcium carbonate market, and how are they expected to evolve over the forecast period?
- What are the major challenges and opportunities facing stakeholders in the United States ground and precipitated calcium carbonate market?
- Who are the key players in the United States ground and precipitated calcium carbonate market, and what strategies are they employing to maintain a competitive edge?
- What are the regulatory and policy factors influencing the United States ground and precipitated calcium carbonate market globally or regionally?
- How competitive is the United States ground and precipitated calcium carbonate market according to Porter's five forces

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analysis, including factors like bargaining power of buyers and suppliers?

- What are the current trends shaping the United States ground and precipitated calcium carbonate market landscape, and how are they expected to evolve in the future?
- How are technological advancements impacting the United States ground and precipitated calcium carbonate market, and what role do innovation and R&D play in driving growth?
- What are the consumer preferences and buying behavior trends influencing the United States ground and precipitated calcium carbonate market?
- How sustainable are current growth rates in the United States ground and precipitated calcium carbonate market, and what factors could potentially disrupt these trends?
- What are the regional dynamics within the United States ground and precipitated calcium carbonate market, and how do they contribute to overall market growth?
- What are the economic factors influencing the United States ground and precipitated calcium carbonate market, such as GDP growth, inflation rates, and currency fluctuations?
- How are demographic shifts, such as aging populations or urbanization trends, affecting demand in the United States ground and precipitated calcium carbonate market?
- What are the key strategic partnerships, mergers, and acquisitions shaping the competitive landscape of the United States ground and precipitated calcium carbonate market?
- What are the regulatory and legal frameworks impacting the United States ground and precipitated calcium carbonate market globally or in key regions?
- How are changing consumer lifestyles and preferences influencing product or service demand within the United States ground and precipitated calcium carbonate market?
- What are the emerging market trends and niche opportunities within the United States ground and precipitated calcium carbonate market that stakeholders should be aware of?
- How resilient is the United States ground and precipitated calcium carbonate market to external shocks or disruptions, such as geopolitical tensions or natural disasters?
- What are the potential barriers to market entry and growth for new players in the United States ground and precipitated calcium carbonate market?

Key Benefits for Stakeholders:

Expert Market Research's industry report provides a comprehensive quantitative analysis of various market segments, historical and current market trends, and forecasts the dynamics of the United States ground and precipitated calcium carbonate market spanning from 2018 to 2032.

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The research report delivers up-to-date insights into the market drivers, challenges, and opportunities shaping the United States ground and precipitated calcium carbonate industry.

Stakeholders can leverage Porter's five forces analysis to assess the impact of new entrants, competitive rivalry, supplier power, buyer power, and the threat of substitution. This analysis aids in evaluating the competitiveness and attractiveness of the United States ground and precipitated calcium carbonate market.

The competitive landscape section enables stakeholders to gain a deep understanding of their competitive environment. It offers insights into the current market positions of key players, their strategies, and their market shares.

Additionally, the report highlights emerging trends, regulatory influences, and technological advancements that are pivotal for stakeholders navigating the United States ground and precipitated calcium carbonate market landscape.

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