Global Calcium Carbonate Market- Segmented by Type, End-User Industries, Application and Geography - Trends and Forecasts (2016 - 2021)

Description: The global calcium carbonate market has been estimated at USD XX.XX billion in 2016 and is projected to reach USD XX.XX billion by 2021, growing at a CAGR of X.X% during the forecast period.

Calcium carbonate is most commonly used as a filler in a variety of applications, including paint, paper plastics, adhesives, etc. It is a major raw substance for construction materials and is also used for purification of iron. It is further used as a dietary supplement for calcium, and as an additive for thermoplastics, such as polyvinyl chlorides. Calcium carbonate is a key component in additives and sealants, and a major raw material for cement production. It has a few environmental uses, as well, due to its basic nature. It is used for desulphurization of flue gas and also as a neutralizing agent in case of acid rains. In agriculture, it is used as a component of fertilizers, especially in the case of acidic soil.

Market Dynamics

Growth in the paper industry directly affects the consumption of calcium carbonate, which has replaced kaolin in the paper industry. This, along with the focus on alkaline-based processes instead of acid-based processes, has led to the growth of the calcium carbonate market. Calcium carbonate has excellent chemical and physical properties, which has led to it being used in various end-user industries. Moreover, the change in lifestyle and growing hygiene awareness has led to an increase in the use of tissue paper and packing papers in Asia-Pacific. Furthermore, the increasing construction activities have also boosted the market in the region. However, the negative health effects, due to the excessive use of calcium carbonate, can act as a roadblock to the growth of the market.

Market Segmentation

Calcium carbonate is used industrially, either as ground calcium carbonate (GCC) or precipitated calcium carbonate (PCC). Ground calcium carbonate amounts for about 75% of the total global consumption. It is used in various end-user industries such as adhesives and sealants, construction, environment, agriculture, pharmaceuticals, paints, inks and coatings, paper, plastic and rubber. Precipitated calcium carbonate is used in pharmaceuticals, paper, paints, inks, plastic and adhesives industry.

The market has been geographically segmented into APAC, North America, Europe, South America, and MEA. Regarding consumption in 2016, Asia-Pacific leads the market, for both GCC and PCC, with China consuming more than 50% of the world's PCC. This region is followed by Europe and North America. The fastest growth is also expected in the Asia-Pacific region, during the forecast period, with the increase in paper mills and growing construction activities. The market is expected to slow down in Europe, due to the closing down and renovation of various paper mills.

Opportunities and Market Players

The growing demand for nano-calcium carbonate in the plastics and rubber industry and the emergence of new green uses will be major opportunities for the calcium carbonate market in the coming years.

Some of the major companies dominating this market for calcium carbonate production and uses are:

- Mineral Technologies Inc.
- Huber Engineered Materials
- Omya AG
- Solvay

Key Deliverables in the Study

- Market analysis for the global calcium carbonate market, with region-specific assessments and competition analysis on a global and regional scale.
- Market definition along with the identification of factors instrumental in changing the market scenario and
prospective opportunities.
- Extensively researched competitive landscape section with profiles of major companies along with their market share.
- Identification and analysis of the macro and micro factors that affect the global calcium carbonate market on both global and regional scale.
- A comprehensive list of key market players along with the analysis of their current strategic interests and key financial information.
- Insights on the major countries/regions where this industry is growing and also identify the regions that are still untapped.

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8.13 Omya AG

8.14 Provale Group

8.15 Solvay

8.16 Specialty Minerals Inc (Mineral Technologies Inc.)

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