

# Global and Chinese Light Calcium Carbonate (Precipitated Calcium Carbonate, PCC) Market Outlook 2016

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## Abstracts

Calcium carbonate is a non-toxic and colorless compound commonly found as a mineral (calcite) which occurs naturally in chalks, limestones and marbles. These rocks are classified as limestones, a general term used for a rock containing varying proportions of calcite and dolomite. The quality of calcium carbonate depends on some factors: purity, whiteness, homogeneity, and thickness.

PCC also known as purified, refined, synthetic or light calcium carbonate. It has the same chemical formula as other types of calcium carbonate, such as limestone, marble and chalk:  $\text{CaCO}_3$ . The calcium, carbon and oxygen atoms can arrange themselves in three different ways, to form three different calcium carbonate minerals. The most common arrangement for both precipitated and ground calcium carbonates is the hexagonal form known as calcite. A number of different calcite crystal forms are possible: scalenohedral, rhombohedral and prismatic. Less common is aragonite, which has a discrete or clustered needle orthorhombic crystal structure. Rare and generally unstable is the vaterite calcium carbonate mineral.

The global light calcium carbonate production, which measures output worldwide, was expected to reach xx thousand tons in 2016 with an increase of xx% from its year-earlier level. The global light calcium carbonate market size is estimated to grow from USD xx million in 2011 to USD xx million by 2016, at an estimated CAGR of xx% between 2011 and 2016. With regards to this, key players of light calcium carbonate industry are expected to find potential opportunities in this market.

The global light calcium carbonate market report profiles some of the key technological developments in the recent times. It also profiles some of the leading players in the

market and analyzes their key strategies. The competitive landscape section of the report provides a clear insight into the market share analysis of key industry players. The major players in the global light calcium carbonate market are MTI, Omya, IMERYS, Schaefer Kalk, CCC, Graymont, Okutama Kogyo, Guilin Jinsan, Mississippi Lime, Jiande Zhengfa, etc.

The global light calcium carbonate industry is relatively fragmented, with the market share of top 10 light calcium carbonate producers at xx%.

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