

The Global Market for Nano Precipitated Calcium Carbonate

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Abstracts

Nanoscale Precipitated Calcium Carbonate/ Nanoscale Calcium Carbonate Particles (NPCC), also known as ultrafine PCC, are typically 10 – 80 nanometers (nm) with specific surface area (SSA) in the 30 – 60 m²/g range. Desirable properties include:

high porosity

high surface area to volume ratio

exceptional mechanical properties.

Precipitated Calcium Carbonate (PCC) has been widely used for several years as a filler material in papermaking, coatings, plastics and agriculture. NPCC displays a number of unique properties compared to PCC and finds application as a functional filler and extender in plastic compounds in the plastics, rubber, coating, papermaking, paint, and printing ink industries. It's most prominent current use is for improving the mechanical performance of plastics, polymer composites and rubber.

Report contents include:

Main applications for Nano Precipitated Calcium Carbonate

Demand for Nano Precipitated Calcium Carbonate by market

Commercialization timeline

Production volumes globally, in metric tons

Demand by region

Company profiles of Nano Precipitated Calcium Carbonate producers.

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