

## FEATURES

- ▶ Higher Sheet Opacity
- ▶ Increased Bulk
- ▶ Lower Abrasivity

## BENEFITS

- ▶ Potential for replacement of expensive additives.
- ▶ Higher sheet brightness
- ▶ Increased smoothness
- ▶ No reduction in first pass retention

## SHIPPING INFORMATION

CALOPAKE® precipitated calcium carbonate ships from Birmingham, UK.

For availability and minimum order quantity, contact customer service.

## SALES OFFICES

Birmingham, UK

0044-121-252-4500

Bethlehem, PA, USA

800-801-1031

[www.mineralstech.com](http://www.mineralstech.com)

# CALOPAKE® F

## Precipitated Calcium Carbonate (PCC)

### Product Description

The CALOPAKE® F precipitated calcium carbonate (pcc) grade, manufactured at Specialty Minerals, Lifford, is a micro-crystalline white powder characterized by its high chemical purity, controlled particle shape and particle size distribution. CALOPAKE® F pcc consists of agglomerated scalenohedral calcitic crystals that are characterized by their high opacifying power and brightness.

CALOPAKE® F pcc is manufactured primarily for use in the paper industry. A variety of other applications include use in paints, inks, and plastics. CALOPAKE® F pcc is used in paper filling where it offers significant advantages over other fillers. These are particularly important in the printing and writing sector.

CALOPAKE® F pcc is also used in paper coating and offers benefits in terms of brightness, opacity, ink absorption and smoothness. CALOPAKE® F pcc is also used in water-based paint where it offers the benefits of extending the main pigment and gives high brightness compared to other fillers.

### Typical Physical Properties

TEST	UNITS	CALOPAKE® F PCC
Particle Shape	---	Scalenohedral
L Value	---	98
Particle Size, d50 (Microns by sedigraph)	µm	2.0
Extinction Coefficient (Opacity)	---	2.9 min
+75 µm (British Standard) sieve residue	%	0.3 max
Surface Area	BET, m <sup>2</sup> /gr	7.0 max
Loss on drying (at time of testing) @105 ° for 2	%	1.0 max
hrs. Tap (Apparent) Density	g/ml	0.48

\*\*Values listed are typical, not to be considered as specifications of the product.

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