

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

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, m2/gr	7.0 max
Loss on drying (at time of testing) @105 ° c	%	1.0 max
Tap (Apparent) Density	g/ml	0.48

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

The information provided may not be used for any purpose other than to identify prospective products consumers may be interested in purchasing. All products are sold on the understanding that the user is solely responsible for determining their suitability for the intended use. All information given and recommendations made herein are based upon our research and are believed to be accurate, but no guarantee, either expressed or implied, is made with respect thereto or with respect to the infringement of any patent. SMI MAKES NO WARRANTY OF MERCHANTABILITY OR SUITABILITY FOR ANY PARTICULAR PURPOSE IN CONNECTION WITH ANY SALE OF THE PRODUCTS DESCRIBED HEREIN. Inconsistent terms and conditions contained in Buyer's purchase order shall not be binding on SMI unless reflected in writing signed by SMI's representative.