

Carbonat calcium

Product information

Precipitated Calcium Carbonate (PCC),

k 1_k2

Short Description Of Products:

Uncoated, White and very fine powder, with rod regular particle shape, odorless, with pigment properties.

CHEMICAL PROPERTIES:

CaCo3	98.5% min.
MgCo3	0.50% max.
Fe2O3	0.05% max.
Insoluble matter in HC	0.10% max.

PHYSICAL PROPERTIES:

Fineness:	
Particle < 2 µm	25%
Particle < 5 µm	65%
Mean particle size (d50%)	3.55 µm
Top cut (d97%)	9.85 µm
Residue on 45 µm sieve	0.02% max.
Whiteness:	
Crystal structure	Calcite
Moisture (ex works)	0.5% max.

GENERAL DATA:

Specific Gravity	2.70-2.70
Free flowing density	260-280 g/cm ³
Density after tamping	490-510 g/cm ³
pH value	9.0 – 9.5
Water absorption	60-65 g/100g
Oil absorption	48-52 g/100g
DOP absorption	82-84 g/100g

MAIN APPLICATIONS:

- Paints and Coating: (Optimize the use of Titanium Dioxide).Interior and exterior paints
- Detergent: Soap, Toothpaste
- Printing inks: Offset, Gravure,Printing Paste,
- Sealant and Adhesives: Acrylic Sealants, Silicon Sealant, Wood adhesive.
- Paper industries: As paper filler, paper pigments.

PARTICLE SIZE DISTRIBUTION

