Product information

DESCRIPTION OF PRODUCTS: Precipitated Calcium Carbonate (PCC), White Powder, Pigmentary properties. Easy dispersion powder.

CHEMICAL PROPERTIES:

- CaCO3 (content) 98.5% min.
- MgCO3 0.5% max.
- Fe2O3 0.04% max.
- Insoluble matter in HCL 0.1% max.

PHYSICAL PROPERTIES:

- Volatile matter at 105°C 0.3% max.
- pH value 9.0 – 10.0
- Fineness:
  - Particle < 2 µm 62%
  - Particle < 5 µm 90%
  - Mean particle size (d50%) 1.85 µm
  - Top cut (d97%) 6.5 µm

GENERAL PRODUCT DATA

- Residue on 45 µm sieve 0.02% max.
- Whiteness: 95-97%
- Crystal structure Calcite- Aragonite
- Bulk density 610 - 640 g/l
- Specific Gravity 2.70-2.72
- Oil absorption 34-38 g/100g
- Water absorption 54 - 59 g/100g

Applications:

- Paints and Coating: (Optimize the use of Titanium Dioxide).
- Interior and exterior paints,
- Primers, Road Marking, Composite
- Water Based Printing inks,
- Printing Paste,
- Rubber, Paper, and etc.

The information given in this technical data sheet is based on the present of our knowledge and experience. All data are based on our own tests. They don’t release any buyer from making his own test and assessments because of the many possible factors which can affect the use and application of our products. A legal liability for any of the properties or suitability for a specific usage can not be concluded from our data. V.060794