Product information

SHORT DESCRIPTION OF THE PRODUCTS: Precipitated Calcium Carbonate (PCC), White Powder, Pigmentary properties.

CHEMICAL ANALYSIS OF THE RAW MATERIAL:
- CaCO3 (ISO 3262-1) 98.5% min.
- MgCO3 0.5% max.
- Fe2O3 0.04% max.
- Insoluble matter in HCL 0.1% max.

PHYSICAL PRODUCT DATA:
- Fineness:
  - Particle < 2 µm 58%
  - Particle < 5 µm 88%
- Mean particle size (d50%) 1.96 µm
- Top cut (d97%) 6.40 µm
- Residue on 45 µm sieve 0.03% max.
- Whiteness: 95-97%
- Crystal structure Calcite- Aragonite
- Moisture (ex works) 0.3% max.

GENERAL PRODUCT DATA:
- Specific Gravity 2.70-2.72
- Bulk Density 620-640 g/ml
- pH value (ISO 787/9) 9.0 – 10.0
- Oil absorption (ISO 787/5) 43-46 g/100g
- DOP absorption (ISO 787/5) 48-52 g/100g
- Water absorption 52-57 g/100g

Applications:

- Paints and Coating:
  Optimize the use of Titanium Dioxide in water based paints. Primers, Road Marking, Composite

- Water Based Printing inks, Printing Paste, Rubber, Paper mill, and etc.

- Polymers: PE, PP, ABS, EVA masterbatch. PVC products.

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