



B 205

TECHNICAL DATA SHEET

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	0.03% max.
Insoluble matter in HCL	0.1% max.

PHYSICAL PRODUCT DATA:

Fineness:

Particle < 2 µm	60%
Particle < 5 µm	85%
Mean particle size (d50%)	2.1 µm
Top cut (d97%)	6.90 µm
Residue on 45 µm (ISO 787-7)	0.01% max.
Whiteness:	95-97%
Crystal structure	Calcite- Aragonite
Moisture (ex works)	0.2% max.

GENERAL PRODUCT DATA:

Specific Gravity	2.70-2.72
Free flowing density	230-250 g/ml
Density after tamping	550-570 g/ml
pH value (ISO 787/9)	9.0 – 10.0
Water absorption	56-61 g/100g
Oil absorption (ISO 787/5)	41-465 g/100g

Applications:

Paper Mill:
As filler for and pigments for paper, paper coating.
Handwrite paper, Printing Paper,
Improve whiteness and brightness of paper ,
Kraft paper, liner,
Optimizing Titanium Dioxide

PARTICLE SIZE DISTRIBUTION

