



152C

Product information

DESCRIPTION OF PRODUCTS:

Precipitated Calcium Carbonate (PCC),
White Powder, Pigmentary properties.
Easy dispersion powder.

CHEMICAL PROPERTIES:

CaCo ₃ (content)	97.7% min.
MgCo ₃	0.5% max.
Fe ₂ O ₃	0.03% max.
Insoluble matter in HCL (ISO 3262-6)	0.16% max.

PHYSICAL PROPERTIES:

Volatile matter at 105° C (ISO 787-2)	0.3% max.
pH value (ISO 787-9)	9.0 – 10.0
Fineness:	
Particle < 2 µm (Cilas 1064)	62%
Particle < 5 µm (Cilas 1064)	90%
Mean particle size (d50%)	1.96 µm
Top cut (d97%)	6.55 µm

GENERAL PRODUCT DATA

Residue on 45 µm sieve (ISO 787-7)	0.02 % max.
Whiteness: (ISO 2470)	95-97%
Crystal structure	Calcite- Aragonite
Bulk density (ISO 787-11)	765 - 785 g/l
Specific Gravity	2.70-2.72
Oil absorption (ISO 787-5)	29- 31 g/100g
DOP absorption (ISO 787-2)	35 - 38 g/100g
Coating agents	1.4%

Applications:

Polymers:

All **various** rigid plastics especially PVC products such as UPVC windows profiles, PVC sheets, tapes, pipes and etc.
PE and PP **Masterbatch**
Improve the mechanical characteristics as well as appearance (whiteness, gloss, surface finish)

Paints and Coating:

Solvent based paints, semi-gloss and matt paints, (Optimize the use of Titanium Dioxide), Primers, Powder Coating, Road Marking, Composite and etc.

PARTICLE SIZE DISTRIBUTION

