

PRECIPITATED CALCIUM CARBONATE (PCC)

BARIN 132

Product Description

White Powder, Pigmentary properties. Easy dispersion powder.

Chemical Properties

CaCO ₃ (content)	98.5%min.
MgCO ₃	0.5% max
Fe ₂ O ₃	0.04%max
Insoluble matter in HCL	0.3% max.
pH value (ISO 787/9)	9.0 - 10.0

Physical Properties

Whiteness:	94-95%
Crystal structure	Calcite- Aragonite
Moisture (ex works)	0.1% max.

Main Application

Paints and Coating, (Optimize the use of Titanium Dioxide).
Interior and exterior paints, Primers, Road Marking, Etc.
Water based printing ink, printing paste, rubber, paper mill, and etc.

Packaging 25 Kg PP bags/ big bags

General Properties

Specific Gravity	2.70-2.72
Free flowing density	230-250 g/ml
Density after tamping	610-640 g/ml
Oil absorption (ISO 787/5)	34-38 g/100g
Water absorption	56-59 g/100g

Partical Properties

Particle <2 µm	62%
Particle <5 µm	90%
Mean particle size (d50%)	1.91 µm
Top cut (d97%)	6.50 µm
Residue on 45 µm sieve	0.02% max.