

PRECIPITATED CALCIUM CARBONATE (PCC)

BARIN 9021

Product Description

White Powder, Pigmentary properties. Easy dispersion powder.

Chemical Properties

CaCO ₃ (content)	98.5%min.
MgCO ₃	0.6% max
Fe ₂ O ₃	0.04%max
Insoluble matter in HCL	0.5% max.

Physical Properties

Whiteness:	95-97%
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

Density after tamping	620-640 g/ml
Specific Gravity	2.70-2.72
pH value (ISO 787/9)	9.0 - 10.0
Oil absorption (ISO 787/5)	43-46 g/100g
DOP absorption	48-52 g/100g
Water absorption	52-57 g/100g

Partical Properties

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.