

## PRECIPITATED CALCIUM CARBONATE (PCC)

# BARIN 9020

### Product Description

White Powder, Pigmentary properties. Easy dispersion powder.

### Chemical Properties

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

### Physical Properties

Whiteness:	94-96%
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	620-640 g/ml
pH value (ISO 787/9)	9.0 - 10.0
Water absorption	56-61 g/100g
Oil absorption (ISO 787/5)	37-39 g/100g
DOP absorption	48-52 g/100g

### Partical Properties

Particle <2 µm	520%
Particle <5 µm	85%
Mean particle size (d50%)	2.25 µm
Top cut (d97%)	6.50 µm
Residue on 45 µm sieve	0.04% max.