

## PRECIPITATED CALCIUM CARBONATE (PCC)

# BARIN B-102

**Product Description**

White Powder, Pigmentary properties.

**Chemical Properties**

CaCO <sub>3</sub> (content)	98.2%min.
MgCO <sub>3</sub>	0.5% max
Fe <sub>2</sub> O <sub>3</sub>	0.05%max
Insoluble matter in HCL	0.1% max.
Silica (as SiO <sub>2</sub> )	0.05% max.

**Physical Properties**

Volatile matter at 105°C	0.5% max.
PH value	9.0 - 10.0

**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**

Whiteness:	95-97%
Crystal structure	Calcite- Aragonite
Bulk density	610 - 67g/l
Specific Gravity	2.70-2.72
Oil absorption	41 - 45 g/100g
Water absorption	56 - 61 g/100g
Hue:	Bluish tone

**Partical Properties**

Particle <2 µm	52%
Particle <5 µm	86%
Mean particle size (d50%)	2.20 µm
Top cut (d97%)	7. 0 µm
Residue on 45 µm sieve	0.02% max.