

## PRECIPITATED CALCIUM CARBONATE (PCC)

# BARIN Z-110

**Product Description**

White Powder, Pigmentary properties.

**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>	0.02%max
Insoluble matter in HCL	0.5% max.

**Physical Properties**

Whiteness:	96-97%
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**

Specific Gravity	2.70-2.72
Free flowing density	230-250 g/ml
Density after tamping	550-570 g/ml
pH value (ISO 787/9)	9.0 - 10.0
Water absorption	56-61 g/100g
Oil absorption (ISO 787/5)	41-45 g/100g

**Partical Properties**

Particle <2 µm	60%
Particle <5 µm	80%
Mean particle size (d <sub>50</sub> %)	1.91 µm
Top cut (d <sub>97</sub> %)	6.50 µm
Residue on 45 µm sieve	0.05% max.