

PRECIPITATED CALCIUM CARBONATE (PCC)

BARIN 9024

Product Description White Powder Coated.

Chemical Properties

CaCO ₃ (ISO 3262-1)	97.5%min.
MgCO ₃	0.5% max
Fe ₂ O ₃	0.04%max
Insoluble matter in HCL	0.1% max.

Physical Properties

Whiteness:	94-95%
Crystal structure	Calcite
Moisture (ex works)	0.05% 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
Bulk Density	750-760 g/ml
pH value (ISO 787/9)	9.0 - 10.0
Oil absorption (ISO 787/5)	30-33 g/100g
DOP absorption (ISO 787-5)	39-45 g/100g
Coating Agent content:	1% min.
Cristal Shape:	Rod form

Partical Properties

Particle <2 µm	52%
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.