



Technical Data Sheet

SHORT DESCRIPTION OF THE PRODUCTS: Precipitated Calcium Carbonate (PCC), White Powder, coated

CHEMICAL ANALYSIS:

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 PRODUCT DATA:

Fineness:	
Particle < 2 µm	52%
Particle < 5 µm	85%
Mean particle size (d50%)	2.25 µm
Top cut (d98%)	6.5 µm
Residue on 45 µm sieves	0.04% max.
Whiteness:	94-95%
Crystal structure	Calcite
Moisture (ex-works)	0.05 % max.

GENERAL PRODUCT DATA:

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

Applications:

This is special product for PVC application such as: Synthetic Leather, PVC Windows Profile (UPVC), PVC Sheet, PVC Panel, PVC wall panel, PVC tape, PVC Foam board, PVC Pipe and Fitting, Cable and wire and etc.

BARIN 9024 improves impact strength. improve surface finish gloss, tension strength, elongation, save energy, save consumption of PVC and etc.

Solvent based paints (semi glass and matt), Primer, Printing Ink, Offset, and etc.

PARTICLE SIZE DISTRIBUTION

