



Oobarin® 9021

Product information

SHORT DESCRIPTION OF THE PRODUCTS: Precipitated Calcium Carbonate (PCC), White Powder, Pigmentary properties.

CHEMICAL ANALYSIS OF THE RAW MATERIAL:

CaCo3 (ISO 3262-1)	98.5% min.
MgCo3	0.5% max.
Fe2O3	0.04% max.
Insoluble matter in HCL	0.1% max.

PHYSICAL PRODUCT DATA:

Fineness:	
Particle < 2 µm	58%
Particle < 5 µm	88%
Mean particle size (d50%)	1.96 µm
Top cut (d97%)	6.40 µm
Residue on 45 µm sieve	0.03% max.
Whiteness:	95-97%
Crystal structure	Calcite- Aragonite
Moisture (ex works)	0.3% max.

GENERAL PRODUCT DATA:

Specific Gravity	2.70-2.72
Bulk Density	620-640 g/ml
pH value (ISO 787/9)	9.0 – 10.0
Oil absorption (ISO 787/5)	43-46 g/100g
DOP absorption (ISO 787/5)	48-52 g/100g
Water absorption	52-57 g/100g

Applications:

Paints and Coating:

Optimize the use of Titanium Dioxide in water based paints. Primers, Road Marking, Composite

Water Based Printing inks, Printing Paste, Rubber, Paper mill, and etc.

Polymers: PE, PP, ABS, EVA masterbatch. PVC products.

PARTICLE SIZE DISTRIBUTION

