



B-102

Technical Data Sheet

DESCRIPTION OF PRODUCTS:

Precipitated Calcium Carbonate (PCC),
White Powder, Pigmentary properties.

CHEMICAL PROPERTIES:

CaCo3 (content) 98.2% min.
MgCo3 0.5% max.
Fe2O3 0,05% max.
Silica (as SiO2) 0,05% max.

PHYSICAL PROPERTIES:

Insoluble matter in HCL 0,1% max.
Volatile matter at 105° C 05% max.
pH value 9.0 – 10.0
Fineness:
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.

GENERAL PRODUCT DATA

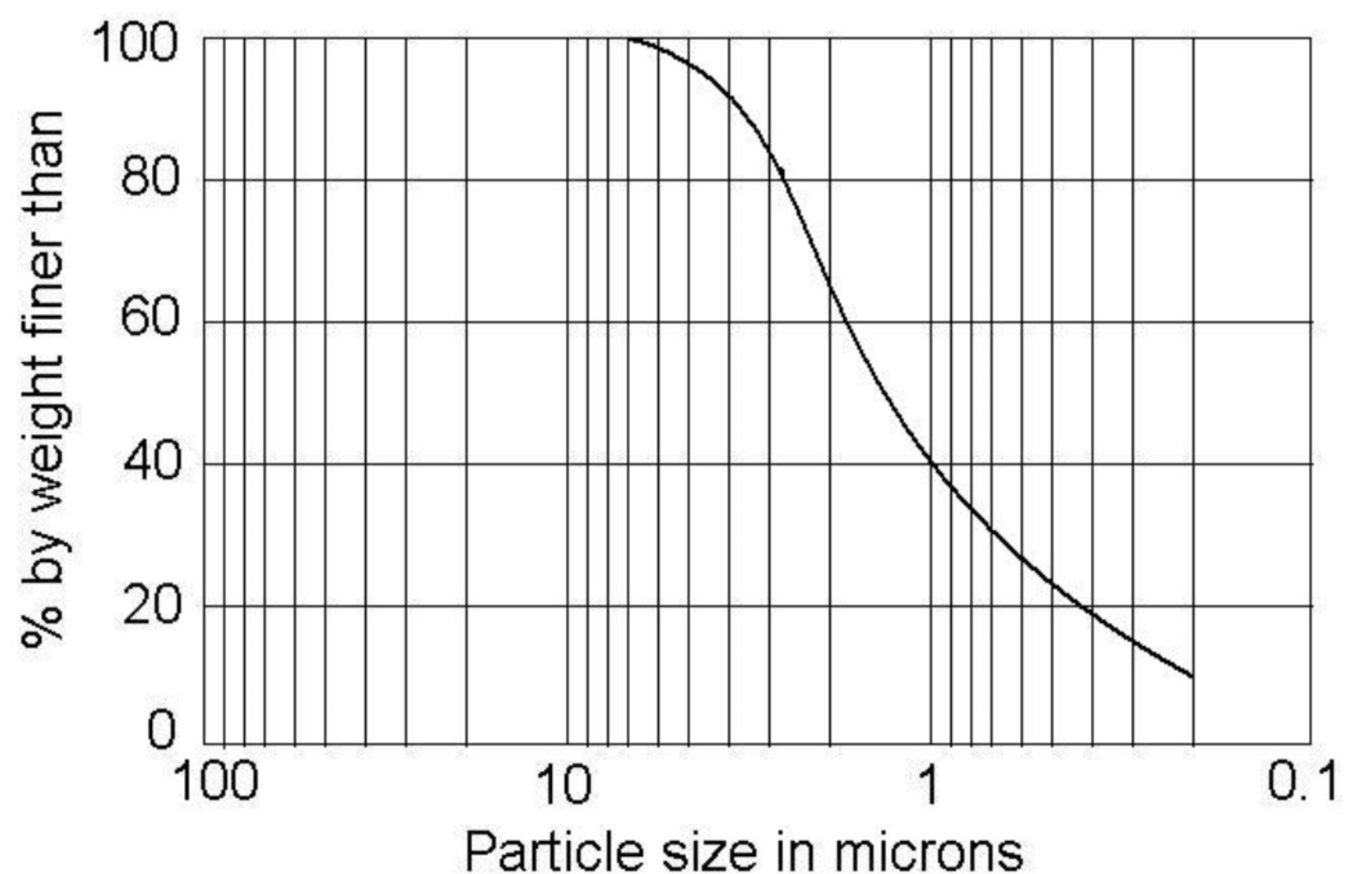
Whiteness: 95-97%
Crystal structure Calcite- Aragonite
Bulk density 610 - 670 g/l
Specific Gravity 2.70 - 2.72
Oil absorption 41- 45 g/100g
Water absorption 56 - 61 g/100g
Hue: Bluish tone

Applications:

Paints and Coating:
(Optimize the use of Titanium Dioxide). Interior
and exterior paints
Primers, Road Marking,

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

PARTICLE SIZE DISTRIBUTION



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