Chemie Ma-dani Hamadan Co. (CMHCO)







Product information

DESCRIPTION OF PRODUCTS: Precipitated Calcium Carbonate (PCC),

White Powder, Pigmentary properties.

Easy dispersion powder.

CHEMICAL PROPERTIES: CaCo3 (content) 98.5% min.

MgCo3 0.5% max. Fe2O3 0.04% max. Insoluble matter in HCL 0.1% max.

PHYSICAL PROPERTIES:

Volatile matter at 105° C 0.3% max. pH value 9.0 - 10.0

Fineness:

Particle < 2 µm 62% Particle < 5 µm 90% Mean particle size (d50%) 1.85 µm Top cut (d97%) 6.5 µm

GENERAL PRODUCT DATA

Residue on 45 µm sieve 0.02 % max. 95-97% Whiteness:

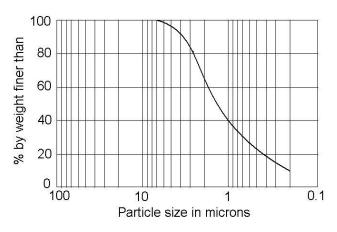
Crystal structure Calcite- Aragonite **Bulk density** 610 - 640 g/l Specific Gravity 2.70-2.72 Oil absorption 34-38 g/100g Water absorption 54 - 59 g/100g

Applications:

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

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

PARTICLE SIZE DISTRIBUTION



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