Chemie Ma-dani Hamadan Co. (CMHCO)







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 μ m 58% Particle < 5 μ m 88% Mean particle size (d50%) 1.96 μ m Top cut (d97%) 6.40 μ m Residue on 45 μ m 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:

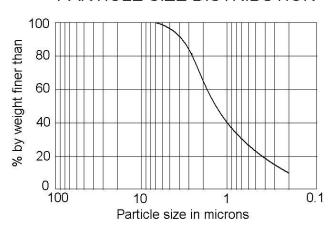
Paints and Coating:

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



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