CHEMIE MA-DANI HAMADAN CO. (CMHCO)





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TECHNICAL DATA SHEET

SHORT DESCRIPTION OF THE PRODUCTS: Precipitated Calcium Carbonate (PCC), White Powder, Pigmentary properties. High rheological powder. 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 60% Particle $< 5 \,\mu m$ 89% Mean particle size (d50%) 1.91 µm Top cut (d97%) 6.50 µm 0.04% max. Residue on 45 µm (ISO 787-7) Whiteness: 96-97% Calcite- Aragonite Crvstal structure Moisture (ex-works) 0.3% max. GENERAL PRODUCT DATA: Specific Gravity 2.70-2.72 Bulk Density 620-650 g/ml pH value (ISO 787/9) 9.0 - 10.0 Oil absorption 43-46 g/100g

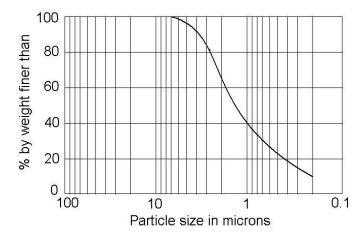
DOP absorption (ISO 787/5)48-52 g/100gWater absorption52-57 g/100gCoating content0.5%

Applications:

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

Paper industries: As filler, paper pigments and paper coating. Handwrite paper, Printing Paper,

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



PARTICLE SIZE DISTRIBUTION

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