# CHEMIE MA-DANI HAMADAN CO. (CMHCO)







B 205

### **TECHNICAL DATA SHEET**

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.

MgCo30.5%max.Fe2O30.03%max.Insoluble matter in HCL0.1%max.

PHYSICAL PRODUCT DATA: Fineness:

Particle < 2  $\mu$ m 60% Particle < 5  $\mu$ m 85% Mean particle size (d50%) 2.1  $\mu$ m Top cut (d97%) 6.90  $\mu$ m Residue on 45  $\mu$ m (ISO 787-7) 0.01% max. Whiteness: 95-97%

Crystal structure Calcite- Aragonite

Moisture (ex works) 0.2% max.

GENERAL PRODUCT DATA: Specific Gravity 2.70-2.72

 Free flowing density
 230-250 g/ml

 Density after tamping
 550-570 g/ml

 pH value (ISO 787/9)
 9.0 – 10.0

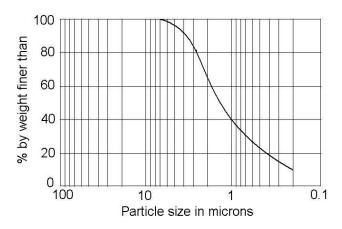
 Water absorption
 56-61 g/100g

 Oil absorption (ISO 787/5)
 41-465 g/100g

### Applications:

# Paper Mill: As filler for and pigments for paper, paper coating. Handwrite paper, Printing Paper, Improve whiteness and brightness of paper , Kraft paper, liner, Optimizing Titanium Dioxide

## PARTICLE SIZE DISTRIBUTION



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