

PRODUCT: ManCal 208

DESCRIPTION :

A product of high degree of whiteness produced from selected natural finest microcrystalline rhombohedra Calcium Carbonate.

Very low oil absorption, easily dispersible, imparting good rheological properties. It is used throughout the range of water and solvent based paints for both interior and exterior applications.

CHEMICAL ANALYSIS of The RAW MATERIAL:

CaCO₃ _ 99.3 % MgO _ 0.08%

SiO₂ _ 00.06% Fe₂O₃ _ 0.01%

HCl insoluble content _ 0,09%

PHYSICAL PROPERTIES Density (ISO 787/10) 2.7g/ml

OF THE RAW MATERIAL: Hardness (Mohs) 3

Median Size: d50 (CILAS) 2.00 μm ± 0.5μ

TOP CUT: d97(CILAS) 8.00 μm ± 1μ

Bulk density (ISO 787/11) 0.97 g/ml Specific surface (BET) 2.9 m²/g

Abrasion (ES269) 10.5 mg Oil Absorption 15.0g/100g

Water Absorption 23.6 g/100g pH(ISO 787/9) 9

Moisture content (ISO 782/2) _ 0.17 %

OPTICAL PROPERTIES : LAB, Scan L* = 95.2 a* = -0.2 b* = 15

Yellow index 2.7

APPLICATIONS: Paints : Texture paints, putty

