

FINE MARBLE SAND



White marble from Macael; Calcium Carbonate. CaCO_3

Calcite marble with slight calcite veining associated to muscovite mineral flakes. Conform with European Standard Norm for Concretes EN 12620 and Mortars EN 13139

PHYSIOMECHANIC CHARACTERISTICS

Mechanical Resistance to Compression	803.90 Kg/cm ²
Mechanical Resistance to Flexion	211,90 Kg/cm ²
Abrasion Resistance	0.36 m/m
Impact Resistance	45 cm
Knoop Micro hardness	140.40 Kg/mm ²

CHEMICAL ANALISYS

Carbon Dioxide	43.55%
Calcium Oxide	55.19%
Magnesium Oxide	0.02%
Iron Oxide	0.21%
Aluminium Oxide	0.00%
Sodium Oxide	0.01%
Silicic anhydride	0.19%
Potassium Oxide	0.00%
Sulphur Trioxide	0.00%
Unsolvable Residuum	0.16%
TOTAL	99.43%
Calcite	98.45%

MARBLE POWDER 20 μm



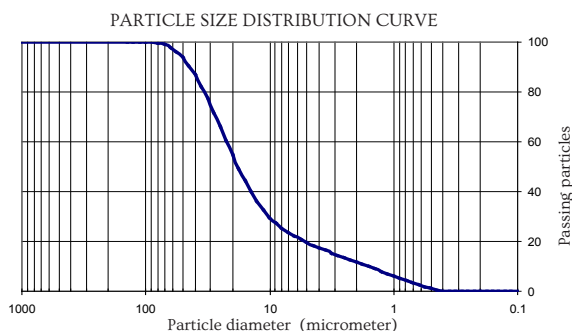
Specific weight (ISO 787/10)	2.7gr/cm ³
Compacted bulk density (ISO 787/11)	1.4 gr/cm ³
Absortion DOP (ISO 787/5)	26 gr/100 gr
Oil absortion (ISO 787/5)	14 gr/100 gr

GRAIN SIZE

Particles < 2 μm	11 %
Particles < 10 μm	29 %
Particles < 50 μm	93 %
Statistical Average Diameter (D50 %)	21.0 μm
Superior Granulometric Cut (D99 %)	71.0 μm

COLOURIMETRY

Whiteness Index CIELAB	98.0
Yellowness Index CIELAB	1.0



Analyses reflect average of the production results. These data are merely informative.

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