



MICROBLANC 1

RAW MATERIALS

ΠΡΩΤΕΣ ΥΛΕΣ

Very fine, extremely white and of high purity, crystalline Calcium Carbonate. The greatest advantage of Microblanc 1 is the re-enforcement of the hiding power of paints, this is due to its unique particle size distribution.

CHEMICAL ANALYSIS

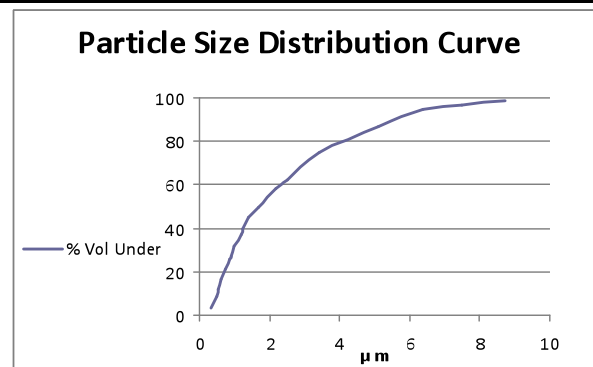
ΧΗΜΙΚΗ ΑΝΑΛΥΣΗ

CaCO ₃	: 99.500%	Fe ₂ O ₃	: 0.010%
MgO	: 0.320 %	Al ₂ O ₃	: 0.003%
SiO ₂	: 0.040%	Loss on ignition	: 44.97%
		Moisture (DIN 53198) below 0.2%	

FINENESS

ΛΕΠΤΟΤΗΣ

d (0.97)	: 7.5 microns.
d (0.50)	: 1.6 microns.
Finer than 2 microns	: 60%
<i>Measured by Malvern - 2000 instruments</i>	



TECHNICAL DATA

ΤΕΧΝΙΚΗ ΕΝΔΕΙΞΗ

Density (ISO 787/10)	: 2.7 gr/cm ³ .
Refractive index	: 1.59.
Hardness (Mohs)	: 3.
Particle shape	: Crystalline rhombohedral.
Packed bulk density (ISO 787/10)	: 0.7 gr/cm ³ .
Dry brightness (DIN 6174)	: 97.5%
pH value (ISO 787/9)	: 9.
Oil absorption (ISO 787/5)	: 21 gr per 100 gr powder.
D.O.P. absorption (ISO 787/5)	: 32 gr per 100 gr powder.

THESE FIGURES ARE AVERAGE VALUES FROM NUMEROUS MEASUREMENTS. THEY CANNOT, HOWEVER, BE TAKEN AS BINDING.

APPLICATIONS

ΕΦΑΡΜΟΓΗ

Paint:

- Industrial Paints
- Powder coatings
- Brushing enamels
- Printing Inks
- Radiation curing paints

Emulsion Paints

- High Gloss emulsion paints

Paper / board coating: