



X - T R E M E MICROBLANC

RAW MATERIALS

ΠΡΩΤΕΣ ΥΛΕΣ

Extremely white and fine crystalline CaCO₃ with pigmentary properties. Due to its particle size distribution, formulators are able to reduce TiO₂ significantly, retaining the whiteness, gloss and opacity levels. In coloured systems the shades of colours are brilliant due to the very low yellowness value.

CHEMICAL ANALYSIS

ΧΗΜΙΚΗ ΑΝΑΛΥΣΗ

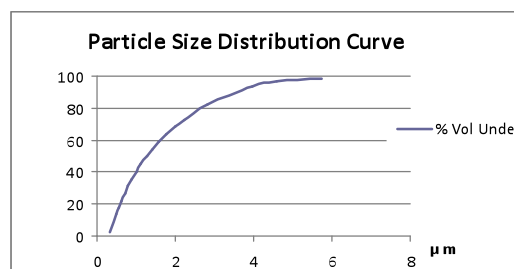
CaCO ₃	: 99.500%	Fe ₂ O ₃	: 0.010%
MgO	: 0.320 %	Al ₂ O ₃	: 0.003%
SiO ₂	: 0.040%	Loss on ignition	: 44.97%
		Moisture (DIN 53198) below	0.2%

FINENESS

ΛΕΠΤΟΤΗΣ

d (0.97)	: 5 microns.
d (0.50)	: 1 microns.
Finer than 2 microns	: 70%

Measured by Malvern - 2000 instruments



TECHNICAL DATA

ΤΕΧΝΙΚΗ ΕΝΔΕΙΞΗ

Density (ISO 787/10)	: 2.7 gr/cm ³ .
Refractive index	: 1.59.
Hardness (Mohs)	: 3.
Particle shape	: Micro - crystalline rhombohedral.
Packed bulk density	: 0.7 gr/ cm ³ .
Dry brightness (DIN 6174)	: 98%
pH value (ISO 787/9)	: 9.
Oil absorption (ISO 787/5)	: 22 gr per 100 gr powder.
D.O.P. absorption (ISO 787/5)	: 33 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: