

## X-TREME MICROBLANC

RAW MATERIALS ΠΡΩΤΕΣ ΥΛΕΣ

Extremely white and fine crystalline CaCO<sub>3</sub> with pigmentary properties. Due to its particle size distribution, formulators are able to reduce TiO<sub>2</sub> 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 XHMIKH ΑΝΑΛΥΣΗ

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

Particle Size Distribution Curve

100
80
60
40
20
0 2 4 6 8 µm

## TECHNICAL DATA TEXNIKH ΕΝΔΕΙΞΗ

Density (ISO 787/10) : 2.7 gr/cm<sup>3</sup>. Refractive index : 1.59. Hardness (Mohs) : 3.

Particle shape : Micro - crystalline rhombohedral.

Packed bulk density : 0.7 gr/ cm<sup>3</sup>. Dry brightness (DIN 6174) : 98%

pH value (ISO 787/9) : 9.
Oil absorption (ISO 787/5) : 22 gr per 100 gr powder.

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 E PAPMOTH

Industrial Paints Emulsion Paints
Powder coatings High Gloss emulsion

Brushing enamels paints

**Printing Inks** 

Paint:

Radiation curing paints

Paper / board coating: