



# MICROBLANC 5

## RAW MATERIALS ΠΡΩΤΕΣ ΥΛΕΣ

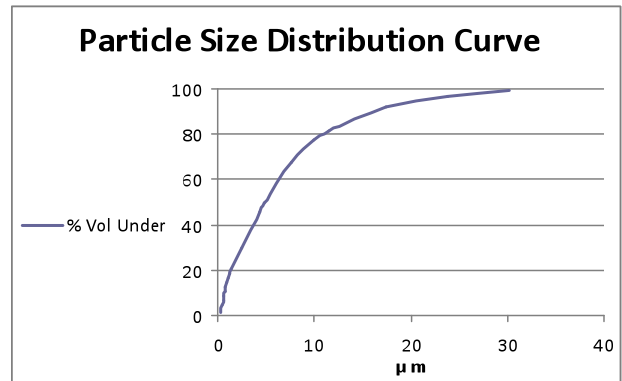
Very fine, extremely white and of high purity crystalline Calcium Carbonate. MICROBLANC 5 is low in oil absorption and has good weather and ageing resistance. In addition, it is easily dispersed.

## CHEMICAL ANALYSIS ΧΗΜΙΚΗ ΑΝΑΛΥΣΗ

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

## FINENESS ΛΕΠΤΟΤΗΣ

d (0.97) : 22 microns.  
d (0.50) : 4.5 microns.  
Finer than 2 microns : 30%  
*Measured by Malvern - 2000 instruments*



## TECHNICAL DATA ΤΕΧΝΙΚΗ 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(ISO 787/11)	: 1.1 gr/cm <sup>3</sup> .
Dry brightness (DIN 6174)	: 96.5%
pH value (ISO 787/9)	: 9.
Oil absorption (ISO 787/5)	: 16 gr per 100 gr powder.
D.O.P. absorption(ISO 787/5)	: 27 gr per 100 gr powder.

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

## APPLICATIONS ΕΦΑΡΜΟΓΗ

**Paints:**  
Emulsion Paints  
Brushing enamels  
Primers  
Road marking paint  
Powder coatings

**Plastics:**  
Plasticized PVC  
 Floor covering

**Wall finishes:**  
 Emulsion based wall finishes  
**Adhesives:**