



# ZETATALC EW 10

## RAW MATERIALS

## ΠΡΩΤΕΣ ΥΛΕΣ

Zetatalc EW 10 is made of pure lamellar talc. The crystals are macro crystalline in shape and processed in such a way so as to always retain this shape. This filler has an extremely high degree of whiteness and chemical purity. Zetatalc EW 10 renders these unique properties it possesses wherever it is applied.

## CHEMICAL ANALYSIS

## ΧΗΜΙΚΗ ΑΝΑΛΥΣΗ

|                                 |             |
|---------------------------------|-------------|
| SiO <sub>2</sub>                | : 62 - 63 % |
| MgO                             | : 30 - 31%  |
| CaO                             | : 0.40%     |
| Fe <sub>2</sub> O <sub>3</sub>  | : 0.15%     |
| Al <sub>2</sub> O <sub>3</sub>  | : 0.32%     |
| Loss on ignition                | : 6.6%      |
| Moisture (DIN 53198) below 0.2% |             |

## FINENESS

## ΛΕΠΤΟΤΗΣ

|                      |               |
|----------------------|---------------|
| d (0.97)             | : 13 microns. |
| d (0.50)             | : 4 microns.  |
| Finer than 2 microns | : 31%         |

*Measured by Malvern - 2000 instruments.*

## TECHNICAL DATA

## ΤΕΧΝΙΚΗ ΕΝΔΕΙΞΗ

|                            |                              |
|----------------------------|------------------------------|
| Density (ISO 787/10)       | : 2.7 gr/cm <sup>3</sup> .   |
| Refractive index           | : 1.57.                      |
| Hardness (Mohs)            | : 1.                         |
| Packed bulk density        | : 0.40 gr/ cm <sup>3</sup> . |
| Dry brightness (DIN 6174)  | : 97%(pressed)               |
| pH value (ISO 787/9)       | : 9.                         |
| Oil absorption (ISO 787/5) | : 48 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
- Emulsion Paints
- Putties:

### Plastics:

- Polyolefins
- Colour Masterbatch
- Compound masterbatch for mouldings