FILLERS & EXTENDERS
MICROFILL
K. ZAFRANAS S.A.

ZETAFIL CST 3

RAW MATERIALS — ΠΡΩΤΕΣ ΥΛΕΣ

Zetafil CST 3 is based on a very white, pure crystalline $CaCO_3$. Zetafil CST 3 is coated by an organic agent which transforms the surface of the inorganic particles to an organic one, thus achieving full compatibility of the filler to an organic media. Due to its special particle size distribution, Zetafil CST 3 is easily dispersed and can increase the % of fillers in the compound and coatings. Zetafil cst 3's high brightness value assists the reduction of TiO_2 in white compounds or coatings.

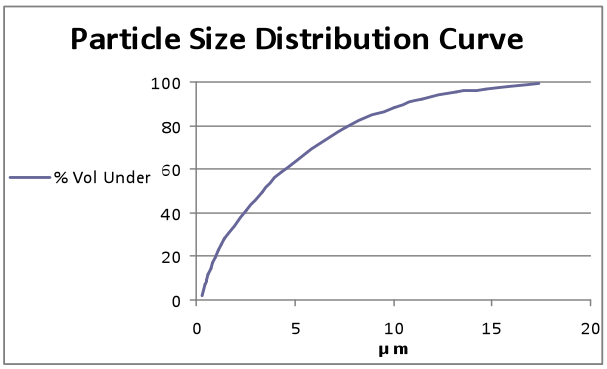
CHEMICAL ANALYSIS — ΧΗΜΙΚΗ ΑΝΑΛΥΣΗ

$CaCO_3$	: 99.500%	Fe_2O_3	: 0.010%
MgO	: 0.320 %	Al_2O_3	: 0.003%
SiO_2	: 0.040%	Loss on ignition	: 44.97%
		Moisture (DIN 53198) below 0.2%	

FINENESS — ΛΕΠΤΟΤΗΣ

d (0.97) : 14 microns.
d (0.50) : 3.5 microns.
Finer than 2 microns : 30 %

Measured by Malvern - 2000 instruments.



TECHNICAL DATA — ΤΕΧΝΙΚΗ ΕΝΔΕΙΞΗ

Density (ISO 787/10)	: 2.7 g/cm^3.
Refractive index	: 1.59.
Hardness (Mohs)	: 3.
Particle shape	: Micro - crystalline rhombohedral.
Packed bulk density	: 1.1 g/ cm^3.
Dry brightness (DIN 6174)	: 97%
pH value (ISO 787/9)	: 9.
Oil absorption (ISO 787/5)	: 15 gr per 100 gr powder.
D.O.P. absorption (ISO 787/5)	: 16 gr per 100 gr powder.

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

APPLICATIONS — ΕΦΑΡΜΟΓΗ

Plastics: Plasticized PVC
- ☐ Film
- ☐ Floor coverings
- ☐ Profiles
- ☐ Leather cloth
- ☐ PVC plastisols
- ☐ Cables
- ☐ Pipes

Paints: Solvent-based
Primers - undercoats

Polyolefins: PE master batches

Rubber:

Elastomers:

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