

ZETAFIL CST CA

RAW MATERIALS

ΠΡΩΤΕΣ ΥΛΕΣ

Zetafil CST CA is based on a very white, pure crystalline CaCO₃. It 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 CA is easily dispersed (especially in compounds for cables). Zetafil CST CA's brightness value enables formulators to economise in Titanium Dioxide by reducing its percentages in the end product.

CHEMICAL ANALYSIS

ΧΗΜΙΚΗ ΑΝΑΛΥΣΗ

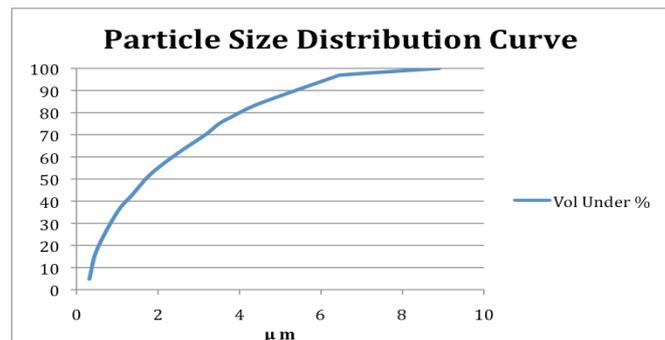
CaCO ₃	: 99.500%	Fe ₂ O ₃	: 0.010%
MgO	: 0.320 %	Al ₂ O ₃	: 0.003%
SiO ₂	: 0.040%	Loss on ignition	: 44.97%
		Moisture (DIN 53198) below 0.2%	

FINENESS

ΛΕΠΤΟΤΗΣ

d (0.97)	: 6.5 microns.
d (0.50)	: 1.7 microns.
Finer than 2 microns	: 55 %

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	: 1.0 gr/ cm ³ .
Dry brightness (DIN 6174)	: 97.5%
pH value (ISO 787/9)	: 9.
Oil absorption (ISO 787/5)	: 17 gr per 100 gr powder.
D.O.P. absorption (ISO 787/5)	: 19 gr per 100 gr powder.

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

APPLICATIONS

ΕΦΑΡΜΟΓΗ

Plastics:	<input type="checkbox"/> Plasticized PVC <input type="checkbox"/> Cables <input type="checkbox"/> Calendered Sheets <input type="checkbox"/> Profiles <input type="checkbox"/> Mouldings	<input type="checkbox"/> Polyolephins <input type="checkbox"/> PE master batches	Paints:	<input type="checkbox"/> Solvent based <input type="checkbox"/> Primers <input type="checkbox"/> High gloss
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