



MST

RAW MATERIALS	ΠΡΩΤΕΣ ΥΛΕΣ
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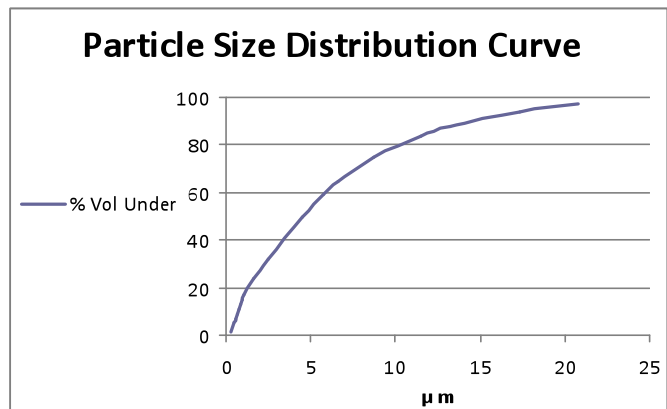
MST is a filler manufactured by the utilisation of a revolutionary production method. The treatment of the crystals is done in such a way that the shape of the crystal is spherical in form. MST is coated by stearic acid.

CHEMICAL ANALYSIS	ΧΗΜΙΚΗ ΑΝΑΛΥΣΗ
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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
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d (0.97) : 22 microns.
d (0.50) : 4.5 microns.
Measured by Malvern - 2000 instruments.



TECHNICAL DATA	ΤΕΧΝΙΚΗ ΕΝΔΕΙΞΗ
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Density (ISO 787/10)	: 2.7 g/cm ³ .	
Refractive index	: 1.59.	
Hardness (Mohs)	: 3.	
Particle shape	: Micro - crystalline rhombohedral.	
Packed bulk density	: 1.4 g/ cm ³ .	
Dry brightness (DIN 6174)	: 96.5%	
pH value (ISO 787/9)	: 9.	
Oil absorption (ISO 787/5)	: 14 gr per 100 gr powder.	
D.O.P. absorption (ISO 787/5)	: 15 gr per 100 gr powder.	

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

APPLICATIONS	ΕΦΑΡΜΟΓΗ
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- Paints :primers undercoaters etc.
- Plastics :PVC rigid extrusion, PVC foam extrusion, PVC calendered sheet, PVC injection moulding.
- Rubber works, adhesives, sealing compounds.
- Fire extinguishers.