

SERINA



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ASCOM 50T (Stearate-coated 2-micron CaCO₃)

ORIGIN:	Limestone deposit in Egypt	
MINERALOGICAL COMPOSITION:	Calcium carbonate 99%	
PACKAGING:	1t bulk bags 20t per FCL	25 kg bags, shrinkwrapped & palletised 27t per FCL
PHYSICAL PROPERTIES:		TYPICAL
Average particle size (D ₅₀)	± 0.25	2.25 micron (uncoated)
Topcut (D ₉₇)	± 0.5	8.5 micron (uncoated)
% < 2 micron	± 2	50% (uncoated)
Residue on 150u screen	Maximum	0.09% (coated)
Brightness Ry (DIN 53163)		98%
pH value (ISO 787/9)	Maximum	9
Refractive index		1.59
Specific gravity		2.7 g/ml
Bulk density	± 0.05	1.48 g/cm ³
Moisture	Maximum	0.2%
Mohs hardness		3
Stearic acid coating level		1.1 – 1.2%
CHEMICAL ANALYSIS:		TYPICAL
CaCO ₃		99.18%
CaO		55.91%
MgO		0.05%
SiO ₂		0.09%
Fe ₂ O ₃		0.01%
Al ₂ O ₃		0.04%
HCl insoluble content	Maximum	0.2%
L.O.I.		43.64%
Premium quality surface-coated fine calcium carbonate manufactured from a high purity, white ground calcium carbonate. Used as filler in plasticised PVC (profiles, artificial leather, calendared sheets and cables) and polyolefins (compound and masterbatch for mouldings)		
Last updated: April 2022		