



ASCOM 2 (2 micron CaCO₃)

ORIGIN:	Limestone deposit in Egypt	
MINERALOGICAL COMPOSITION:	Calcium carbonate 99.5%	
PACKAGING:	1t bulk bags, 20t per FCL	25 kg bags, shrinkwrapped & palletised 23.75t per FCL
PHYSICAL PROPERTIES:		TYPICAL
Whiteness: Brightness Ry (DIN 53163)		98%
Particle size distribution	< 2 micron	50%
Average particle size (D ₅₀)	± 0.25u	2.25 micron
Topcut (D ₉₇)	± 0.5u	8.5 micron
Residue on 45u sieve	Maximum	0.01%
Oil absorption (ISO 787/5)		20.5 g/100g
pH value (ISO 787/9)	Maximum	9
Specific gravity		2.7 g/ml
Refractive index		1.59
Mohs hardness		3
Bulk density	± 0.05	1.07 g/cm ³
Moisture	Maximum	0.2%
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%
Latest update: April 2022		