



**Code N.7**



## Data Sheet N.7

N.7 IS A snow white, soft, fossiliferous limestone of Samalut Formation. Produced directly from our quarries in EL Minya, Egypt.

N.7 it is used in the Glass industry, in the animal feed, and in the manufacture of building materials

### CHEMICAL ANALYSIS

Compound	Formula	Concent
Calcium carbonate	$\text{CaCO}_3$	99.5%
Calcium Oxide	$\text{CaO}$	55.8%
Iron oxide	$\text{Fe}_2\text{O}_3$ tot	0.023
Silicon dioxide	$\text{SiO}_2$	0.18
Aluminum oxide	$\text{Al}_2\text{O}_3$	0.047
Magnesium oxide	$\text{MgO}$	0.026
Loss of Ignition	L.O.I	43.7

#Grain size 0.1:2 mm



### Physical characteristics

whiteness	98% powder
yellowness	0.38
Bulk density	1.8 g/cm <sup>3</sup>
Hardness	3
moisture	0.4%

### Sieve analysis

Grain size	percent
Over 2 mm	0%
less than.25μ	15%
Between0.3and2mm	80%
Under 100μ	8%