



**Code N.1L**



## Data Sheet N.1L

**N.1L IS A snow white, soft, fossiliferous limestone of Samalut Formation. Produced directly from our quarries in EL Minya, Egypt.**

**N.1L it is used in the chemical industry, and in the feeding of carbonate plants.**

### CHEMICAL ANALYSIS

Compound	Formula	Concent
Calcium carbonate	$\text{CaCO}_3$	99.5%
Calcium Oxide	$\text{CaO}$	55.74%
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 5:15mm



### 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
5:15 mm	95%
5 : 10mm	60%
Over 15mm	2%
Under 5mm	3%