



**Code N.4**



**Data Sheet N.4**

N.4 IS A snow white, soft, fossiliferous limestone of Samalut Formation. Produced directly from our quarries in EL Minya, Egypt.

N.4 it is used in the Glass industry, in the animal feed, and in the manufacture of building materials

<b>CHEMICAL ANALYSIS</b>		
<b>Compound</b>	<b>Formula</b>	<b>Concent</b>
Calcium carbonate	<chem>Caco3</chem>	99.5%
Calcium Oxide	<chem>Cao</chem>	55.8%
Iron oxide	<chem>Fe2o3 tot</chem>	0.023
Silicon dioxide	<chem>Sio2</chem>	0.18
Aluminum oxide	<chem>Al2o3</chem>	0.047
Magnesium oxide	<chem>Mgo</chem>	0.026
Loss of Ignition	L.O.I	43.7
#Grain size 1:2mm		



<b>Physical characteristics</b>	
whiteness	98%powder
yellowness	0.38
Bulk density	1.8 g/cm3
Hardness	3
moisture	0.4%

<b>Sieve analysis</b>	
<b>Grain size</b>	<b>percent</b>
Over 2.5 mm	0%
less than 0.75mm	10%
Between0.75and2mm	85%
Under 100μ	2%