



**Code N.01**



**Data Sheet N.01**

**N.01** IS A snow white, soft, fossiliferous limestone of Samalut Formation. Produced directly from our quarries in EL Minya, Egypt.

N.01 it is used in the chemical industry, in the treatment of soil, the manufacture of building materials, and in the feeding of carbonate plants

<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	<b>L.O.I</b>	43.7
#Grain size 0.00:10mm		



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

<b>Sieve analysis</b>	
<b>Grain size</b>	percent
<b>0.0:10 mm</b>	99%
<b>0 : 3mm</b>	60%
<b>Over 10mm</b>	1%