



Code N.5



Data Sheet N.5

N.5 IS A snow white, soft, fossiliferous limestone of Samalut Formation. Produced directly from our quarries in EL Minya, Egypt.

N.5 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	CaCO_3	99.5%
Calcium Oxide	CaO	55.8%
Iron oxide	Fe_2O_3 tot	0.023
Silicon dioxide	SiO_2	0.18
Aluminum oxide	Al_2O_3	0.047
Magnesium oxide	MgO	0.026
Loss of Ignition	L.O.I	43.7

#Grain size 0.3:1 mm

Physical characteristics

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

Sieve analysis

Grain size	percent
Over 1 mm	0%
less than 0.3mm	10%
Between 0.3 and 0.7mm	80%
Under 100 μ	5%