



NB GRANULES TECHNICAL PROPERTIES

NB GRANULES is a chemically treated sodium bentonite granule especially placed in overlap zones and critical area for additional seaming of geosynthetic clay liners.

NB GRANULES, immediately starts a rheological reaction that produces a highly colloidal suspension with excellent holding, sealing and lubricating performances when hydrated in site conditions.

PROPERTIES

Moisture Content	%	<12
Swell Index	ml/2gr	>24
Fluid loss	ml	<18
Ph (%8 solid)		9
Color		White
Sedimentation	ml	30±5
CaCO ₃	%	2
D ₉₀	(µm)	37±2
Sintering Point	°C	1100

MINEROLGY

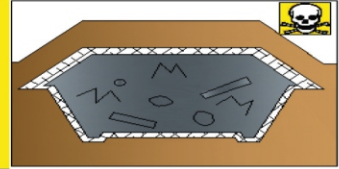
Montmorillonite	%	80
Cristobalite Opal C	%	17
K Feldspar	%	3
Fluid loss	ml	<18

CHEMICAL ANALYSIS

L.o.I.	%	7,00 ± 1,00
SiO ₂	%	71,00 ± 1,00
Al ₂ O ₃	%	14,00 ± 1,00
Fe ₂ O ₃	%	0,70 ± 0,10
TiO ₂	%	0,05 ± 0,01
CaO	%	1,80 ± 0,20
MgO	%	3,20 ± 0,20
Na ₂ O	%	1,50 ± 0,10

APPLICATIONS

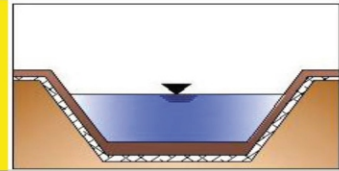
SOLID WASTE



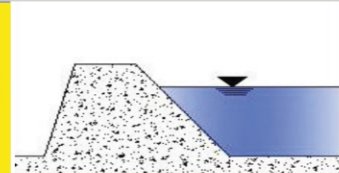
LIQUID WASTE



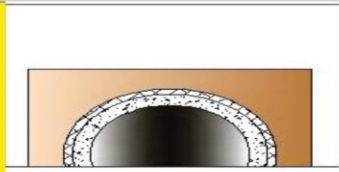
CANALS



RESERVOIRS & DAMS



TUNNELS & SUBWAYS



PACKAGING

Bags 25kg, 50kg

Big Bags 1ton, 1.25ton