

PELOIDE CLAY

Natural clay for cosmetic muds

Description

Peloide-clay is a mineral powder with two main hydrological characteristics such as dispersibility and plasticity which create a clay – mud with high stability and a constant stratigraphy. These properties of plasticity and dispersibility are given by the high percentage of crystalline Smectite presence, as you can see in the mineralogic analysis.

Incorporation method

The incorporation method is the one commonly used in those thermal places dealing with medical hydrology.

It is here below described through its steps:

1. You spread the powder-clay Peloide on the surface of the the water in a tank which has been previously filled with thermal water at 25% of its total capacity.
2. You allow that this first adding of Peloide- clay gets hydrated and deposits itself on the bottom of the tank.
3. You procede then with gradual adding of Peloide-clay and thermal water until you get the desired consistency of the clay-mud.
4. Once finished the Peloide-clay dispersing operation, you allow the system to settle itself for a period of 50-60 days, stirring it every now and then being sure that the hydrated Peloide-clay, during its quiet status, is covered by a 10 cm thick layer of clean water.

Packaging

25 kg bags - 1250 kg each pallet
1000 kg big bags

<i>Peloide Clay</i>		
Chemical-physical characteristics (typical value):		
Moisture	[%]	13,2
MBA	[mg/g]	365
Carbonate content	[%]	4,7
Granulometry, dry residue over 200 mesh	[%]	20-30
<i>Peloide Clay</i>		
Chemical analysis (typical)		[%]
Na ₂ O		1,01
MgO		4,28
Al ₂ O ₃		16,47
SiO ₂		56,59
P ₂ O ₅		0,22
K ₂ O		1,89
CaO		4,98
TiO ₂		0,57
MnO		0,07
Fe ₂ O ₃		5,79
LOI		8,13

Metals soluble in distilled water		
Pb	[%]	< 0,0005
Cr	[ppm]	1,4
Cu	[%]	< 0,0002
Hg	[ppm]	0,14
Ni	[%]	< 0,0004
Cd	[%]	< 0,0003
Zn	[ppm]	< 0,0002
As	[%]	< 0,0005
Ba	[%]	< 0,0005

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