

Pyroclay

General Info

0-0-0

Ammonium (NH₄⁺) 0.00%

Nitrate (NO₃⁺) 0.00%



Product Description

Pyroclay is bentonite clay. Bentonite is a clay generated frequently from the alteration of volcanic ash and is used as an ion exchanger for improvement and conditioning of the soil. It is a source of trace elements and it binds and holds water.

Major Elements in Bentonite Clay as determined by atomic absorption spectroscopy(AAS), neutron activation and gravimetric analyses		
Name	Symbol	Average (mean) (ppm)
Silicon	Si	290950
Aluminum	Al	109000
Iron	Fe	29250
Sodium	Na	97400
Calcium	Ca	10500
Potassium	K	4100
Magnesium	Mg	1500
Arsenic	As	6.2
Antimony	Sb	1.3
Zinc	Zn	108
Tin	Sn	91.5
Silver	Ag	5.7
Tungsten	W	0.65
Molybenium	Mo	2.8
Gold	Au	0.003
Lanthanum	La	48.3
Samarium	Sm	8.1
Lutetium	Lu	1.14
Chromium	Cr	34.8
Nickel	Ni	33.8
Cobolt	Co	2.7
Scandium	Sc	5.6
Barium	Ba	365
Cesium	Cs	0.72
Rubidium	Rb	11
Tantalum	Ta	2.9
Uranium	U	11
Thorium	Th	35.1
Bromine	Br	0.41
Boron	B	300

How to Use: Add 2 to 3 grams of Pyroclay per 1,000 mL (1 litre) for feeding. It can also be used as part of the soil medium (2 to 3 grams added to each kg of soil) if making soil.