

Bentonite

Characteristics of Bentonite

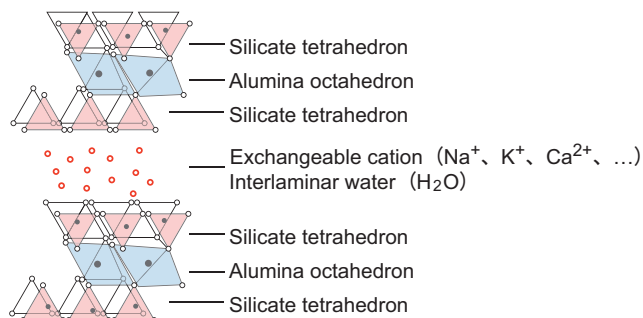
Bentonite has the property of expanding when wet is contained by the exchangeable Na ions that exist between the crystal layers.

We dry, pulverize and import natural sodium,calcium bentonite produced in China.

Product List (representative values)

Product name		B - A - 1	B - A - 2
Exchangeable cations		Na	Ca
Chemical name		Hydrated aluminum silicate	Hydrated aluminum silicate
Mineral name		Montmorillonite	Montmorillonite
Chemical composition (%)	lg.loss	6.10	8.43
	SiO ₂	70.00	69.43
	Al ₂ O ₃	15.30	13.82
	Fe ₂ O ₃	2.30	2.15
	MgO	1.80	2.35
	Na ₂ O	1.90	0.46
K ₂ O		1.10	0.37
Bonded water (%)		10.0	
pH		10.3	
250 mesh residue		1.5	
Swelling (ml/2g)		21.0	9.0

Crystal structure



Applications

Construction materials for engineering works,Casting, Granulation binder, Agricultural chemicals, Fertilizer, Pottery, etc.

Delivery formats

- Flexible containers : 1,000 kg, 1,200 kg
- Paper bags : 25 kg
- Bulk carriers : Loose