



VOLCLAY® POWDER

Volclay® Powder is a naturally occurring sodium bentonite with an average particle size less than 200 mesh. Volclay Powder is used as a binder for livestock and poultry feeds. It can also be used as a digestive aid for animals

Chemical Composition

Diocahedral smectite, an expanding layer silicate:
 $(\text{Na,Ca})_{0.33}(\text{Al}_{1.67}\text{Mg}_{0.33})\text{Si}_4\text{O}_{10}(\text{OH})_2 \cdot n\text{H}_2\text{O}$

Elemental Composition

Typical analysis – moisture free

SiO ₂	63.02 %
Al ₂ O ₃	21.08 %
Fe ₂ O ₃	3.25 %
FeO	0.35 %
MgO	2.67 %
Na ₂ O	2.57 %
CaO	0.65 %
Trace	0.72 %
LOI	5.64 %

Moisture

Maximum 12% as shipped

Bulk Density

52-57 lbs./cu.ft.

Dry Particle Size

Minimum 70% passing 200 mesh (75 µm)

Base Exchange

Typical base exchange ions or exchangeable cations (meq / 100g)

Sodium	60 - 65
Calcium	10 - 30
Magnesium	5 - 20
Potassium	1 - 5

pH

8.0 - 10.5 @ 5% solids

Packaging

50lbs (22.68kgs) multi-wall paper bags
 Bulk

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The information contained herein is believed to be accurate and reliable. AMCOL accepts no responsibility for the results obtained through use of this product. AMCOL reserves the right to update information without notice.

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