Australian Zeolite (Clinoptilolite) Technical Data

Zeolite is a hydrated aluminosilicate. On a molecular level, zeolite has a rigid three dimensional structure comprised of microscopic pores and channels. Zeolite emits negative ions which magnetically attract positive (toxic) ions which are drawn into its structure.

Typical Analysis (oxide, dry basis)

Silicon	71.81%	Sodium	2.33%
Aluminium	12.10%	Phosphorus	<0.01%
Potassium	0.90%	Manganese	0.03%
Calcium	2.60%	Titanium	0.22%
Iron	1.14%	Strontium	0.22%
Magnesium	0.65%		

Trace Elements: Barium, Chromium, Cobalt, Copper, Selenium, Zinc

Physical Properties

Bulk Density (depending on particle size)	(700-1500kg/m3
Ambient Moisture	Normal <5%
Hardness (MHO'S SCALE)	~5.0
Cation Exchange Capacity (CEC) meq/100g	~ 150 average
pH level	7.7

Minerology

Major	Clinoptilolite (w% of the total Zeolite content)	85 %
Other	Mordenite (w% of the total Zeolite content)	15 %
Minor	Quartz, Feldspar, Montmorillonite	