

PRODUCT DATA SHEET

Ca Clinoptilolite Potassium Aluminosilicate, Natural Clinoptilolite Zeolite Powder and Granules

TYPICAL PROPERTIES

Form	Granules & Powders
Color	White (85 optical reflectance)
Pore Diameter	4.0 Angstroms
Pore Volume	15%
Specific Surface Area	15 m ² /g
Surface Charge Density	10.1 E-23 meq/A ²
Bulk Density (granules & powders)	44 - 53 lbs/ft ³
pH Stability	3 - 101,603 kg/m ³
Swelling Index	nil
Thermal Stability	1,202 °F 650 °C
Ion Exchange Capacity	0.8 – 1.2 meq/g

TYPICAL CHEMICAL ANALYSIS

SiO ₂	Al ₂ O ₃	Fe ₂ O ₃	CaO	MgO	Na ₂ O	K ₂ O	P ₂ O ₅
64.9	11.9	1.6	3.4	1.4	0.3	3.2	>0.05

MAJOR EXCHANGEABLE CATIONS

Rb ⁺	Na ⁺	Ba ⁺²	Mg ⁺²	Li ⁺	Ag ⁺	Sr ⁺²	Fe ⁺³	K ⁺	Cd ⁺²
Cu ⁺²	Co ⁺³	Cs ⁺	Pb ⁺²	Ca ⁺²	Al ⁺³	NH ⁺⁴	Zn ⁺²	Hg ⁺²	Cr ⁺³

Information herein is accurate to the best of our knowledge. Suggestions are made without warranty or guarantee of results. Before using, user should determine the suitability of the product for his intended use and user assumes the risk and liability in connection therewith.