

TTII COOL-LITE Zeolite

PRODUCT DATA SHEET

TTII COOL-LITE Zeolite: Ca-NM

Produced at Winston, NM 87943
 Calcium-Potassium Aluminosilicate
 100% Natural Clinoptilolite Zeolite

TYPICAL PROPERTIES

Form	Granules and powders
Color	white (85 optical reflectance)
Pore Diameter	4.0 – 7.0 Angstroms
Pore Volume	15%
Specific Surface Area	~ 15 m. ² /g.
Surface Charge Density	10.1 E-23 meq/A ²
Product Bulk Density (granules and powders)	44-53lbs/ft ³
pH Stability	3 - 10
Swelling index	nil
Thermal Stability	1202 degrees F 650 degrees 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

Natural zeolites are inert, non-toxic minerals which are federally classified as GRAS (generally recognized as safe) in most applications and exempted from regulations and reporting when used in accordance with good agricultural practice and when less than 2% in animal feed products (40 CFR, Part 180.1001).

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.