

Product Information

Version G.2023.5.1

Clino G - Clinoptilolite (natural zeolite)

Applications

Animal Feed ♦ Agriculture ♦ Water treatment ♦ Filtration ♦ Detergent ♦ Cat-Pet litter ♦
Soil conditioning ♦ Nuclear waste and fall-out treatment ♦ Separator at Gas enrichment

Chemical composition

• Al ₂ O ₃ : 12,15 %	• K ₂ O: 4,64 %	• Al ₂ O ₃ : 12,15 %
• SiO ₂ : 70,33 %	• MnO: <0,1 %	• TiO ₂ : 0,10 %
• Fe ₂ O ₃ : 1,14 %	• Na ₂ O: 0,68 %	• Fe ₂ O ₃ : 1,14 %
• CaO: 2,08 %	• MgO: 0,52 %	• Na: 0,30 %
• Pb: 0,00 %	• Cd: 0,1 ppm	• K: 0,30 %

Mineral content

• Clinoptilolite: % 85 - 90
• Other clays: % 0 - 5
• Opal: % 0 - 10

Physical characteristics

• Bulk density: 0.85 g/ml	• Porosity: % 40
• Mohs hardness: 3	• Odor: none
• Water adsorption: % 45 - 70	• Water solubility: none

Cation Exchange Capacity (CEC)

- Total CEC: 100 - 150 meq / 100 g (methylene Blue Chloride Method)
- Main Exchangeable Cations: N, K, Ca, Na, Fe, Zn, Al, Ba, Pb, Rb, Li, Cu
- Primary Absorbing Gases: Co, Co₂, So₂, H₂, NH₃, HCHO, Ar, O₂, N₂, H₂O, He, H₂, Kr, Xe, CH₂O

Additional information

- Packaging: 1.000 kg big bags
- Custom Tariff Nr.: 2530 9000 9039 / CAS Nr.: 112173-10-3
- This is a product from Nature. Values and color may have deviations

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