



Product information

Zeolita Natural **AQUA**[®]



PRODUCT IDENTITY

Product Name	Zeolita Natural AQUA
Product Description	Natural Zeolite, Clinoptilolite type, dried at 350 °C, milled and sieved.
Particle sizes available	0,5-1mm, 1-2mm, 2-5mm, 4-8mm, 8-16mm y 16-32mm.
Chemical Name	Hydrated potassium calcium sodium aluminosilicate.
CAS Number	12173-10-3

MINERALOGICAL CHARACTERISTICS

Principal Component	Clinoptilolite, 82-86% (XRD Analysis)
Other Components	Feldspar, Illite, Cristabalite, and traces of Quartz.
Colour	Greenish Grey
Density of Whole Rock	2200 – 2440 kg/m ³
MOHS Hardness	3 – 3.5

PHYSICO-CHEMICAL CHARACTERISTICS

Chemical Composition	SiO ₂ : 68,15 % Al ₂ O ₃ : 12,30 % K ₂ O : 2,80 % CaO : 3,95 % Na ₂ O : 0,75 % MgO : 0,90% Fe ₂ O ₃ : 1,30 % TiO ₂ : 0,20 %
Cation Exchange Capacity (CEC)	Ca ²⁺ : 1,20 a 1,96 meq/g NH ₄ ⁺ : 1,2 a 1,5 meq/g
Porosity	24 – 32 %
Specific Surface Area (BET Method)	30 – 50 m ² /g
Thermal Stability	< 450 °C
Chemical Stability (pH)	3 < pH < 11
Bulk Density of Granules	0,58 – 0,84 g/cm ³ (Depending on size)

Product Presentation

Types of Packaging available	20kg PE sacks, Palletized with 50 sacks per pallet, or 1000kg Bigbags
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Recommended Applications

Swimming pool filters, filters for ponds, aquariums and fish farms.
Municipal and industrial water treatment, ammonia and heavy metal removal, water recycling systems.

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