



The first industrial producer of zeolite from Romania



Zeolites are natural minerals of volcanic origin, which differ from other minerals by their specific micro porous structure.

Zeolites have much lighter and less dense structures and are rare minerals, negatively electrostatically charged, a unique property in the mineral kingdom



About Zeolites Group:

Zeolites Group was established in 2013 to transform a unique mineral, from the heart of Transylvania, into final products that aim to replace the toxic and harmful ones to the environment with ECOLOGIGE products and solutions



The Zeolite resource processing plant was put into use in January 2018 when the investment program for a modern technological line was completed.

MISSION

We want provide a natural alternative to existing problems in different industries.

PURPOSE

Transformating a natural, ecological resurse into a finit product or raw material for various areas.

The operation opened by the “Zeolites” Group” complies with all environmental requirements, absolutely the entire production flow being carried out under the authorization of the competent institutions.



Outstanding product quality proven by:

- mineralogical, physico-chemical analyzes and analyzes applied on different fields of interest;
- health approvals issued by specialized institutions;
- notifications (including for human use) issued by authorized institutions;
- research related to the use of our zeolite in various fields in which they find their applicability;

The Factory

- big production capacity (over 3000 to/month);
- ultrafin grinding (to 5 microns);
- the possibility of making granulometric sorts;
- tailored for each domain or client;



Complex analysis laboratory:

- to have a quality control as accurate as possible;
- to provide customers with quality assurance;
- each delivery may have a certificate of analysis from a sample taken from the goods loaded and ready for delivery;
- important support for own Research and Development .

Zeolites Group presents you with a wide range of products, **100% Natural**, based on the Zeolite mineral, which was carefully selected and activated.

Among the defining characteristics of Rupea zeolite we can list:

- 96 % Clinoptilolite content, according to the latest analysis carried out in Germany;
- extremely alkaline PH, 8.75 to 9.2, compared to other zeolites having values between 7.2 and 7.8;
- a negative electrostatic charge giving it a capacity of exchange total cation of 237 meq electrostatic charge potential (ZETA potential) is -37;
- from the analyzes we can demonstrate that in Rupea Zeolite there is no toxicity at the cellular level (cytotoxicity) and no acute toxicity;
- an ammonium ion absorption degree of more than 96%;
- a degree of absorption of hydrogen sulphide up to 99%;
- asorption of heavy metals in hydrochloric acid between 90 and 99 %;
- absorption of phosphate from urine up to 99%.

100%
natural

Areas of use:

Environment protection

- material for bioremediation of polluted soils;
- absorbent of petroleum substances;
- ecological car and pedestrian anti-skid;
- filter material for air purification;
- odor inhibitor;



Livestock farming and agriculture

- amendment to the ground;
- lawn substrate;
- biological control against pests;
- ecological bedding for animal farms;
- feed additive for farm animals;



Other uses

- pharmaceutical and cosmetics industry;
- construction field;
- chemical and petrochemical industry;
- household products;
- obtaining high quality paper;



Water treatment

- filter material for mechanical filters;
- adjuvant in coagulation;
- substrate for ponds;
- support for microorganisms responsible for water purification;



Zeolites Production contact:

The orders are submitted online on the site: www.zeolitesproduction.com,
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or telephonic (004) 0783 299 366.