



DEFINITION AND COMPOSITION:

A processed natural mineral, essentially composed of hydrous alkaline metals and alkaline soil metal aluminosilicates.

DECLARED QUALITATIVE PARAMETERS:

Property		ZeoCem Eco 50	
		PNR 04/09	Rok 2011 Ø (min, max.)
Granularity (oversize) (%)	0.05 mm	Max. 25.0	16.54 (8.6-21.0)
	0.10 mm	Max. 5.00	3.62 (1.7-4.7)
Ion-exchange capacity (mol/kg)		Min. 0.70	0.84 (0.75-0.98)
Wetness (%)		Max. 6.00	3.65 (2.77-4.91)
Bulk Density (kg/m ³)*			500-600

*INFORMATIVE DATA

FURTHER INFORMATION:

Qualitative parameters	Limit Value	Practice
		Year 2011 Ø (min, max.)
Chemical analysis		
SiO ₂ content (%)	Min. 63.0	70.37 (69.3-71.2)
Al ₂ O ₃ content (%)	Max. 13.0	11.98 (11.51-12.62)
Fe ₂ O ₃ content (%)	Max. 2.30	1.76 (1.59-2.07)
CaO content (%)	Max. 5.50	3.57 (3.51-3.86)

APPLICATION:

ZeoCem Eco 50 is used in the chemical industry as well as other sectors, especially for drinking water and wastewater treatment and disposal and sludge thickening. It is also used for emission and gas treatment, in addition to being an effective desiccant. It is also suitable for the production of various mixed sorbents. It is also intended for use as an inert filler in the manufacture of cellular rubber materials, rubber blowing agents, paper, cardboard, plastics, adhesives, and asphalt. As an inert sorption material, it is used for the surface treatment of granular fertilisers, crystalline urea, etc.

ZeoCem Eco 50

**STORAGE:**

The product is to be kept in dry indoor storage rooms, protected from the elements, away from food-stuffs, and secured against contamination.

LIFETIME:

If the required storage conditions are observed, the product remains usable for up to 2 years.

DELIVERY:

25 kg paper bags
BigBag packaging (1,000 kg / pallet)
bulk material, silo

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