

ZEOLITE 4A

ZEOLITE 4A is a white powder of high purity with a regular, highly crystalline. Due to the low Si/Al ratio with a high proportion of compensating cations (Na⁺) in the crystal lattice, it exhibits strong catalytic properties.

TECHNICAL DATA

Properties	Chemical Characteristics		
	unit	Typical Value	Guarantee Value
LOI (1000° C, 1h)	%	19	18 - 21
Al ₂ O ₃	%	36	34 -37
Na ₂ O	%	22	21 - 23
SiO ₂	%	42	41 - 43
Fe total	ppm	120	150 max
Fe chelatable	ppm	30	40 max
Properties	Physical Characteristics		
	unit	Typical Value	Guarantee Value
Whiteness	%	98.5	97 min
Bulk Density	kg/m ³	350	300 - 400
Ion Exchange Capacity	mg CaO/g	165	160 min
pH (1% water suspension)		11	10 - 12
Particle size distribution			
D50	µm	4	3 - 6
> 10 µm	%	4	8 max
< 1 µm	%	3.5	10 max
Sieve residue (Wet sieving; > 45 µm)	%	0.2	0,5 max
Cristallinity XRD	%	100	95 min

The above values have been determined by the measuring methods and instruments of Alumina doo Zvornik.

APPLICATIONS

Mainly used as a raw material in powder detergents productions, PVC productions and other chemical industry.

PACKAGING

We offer different types of packaging depending on your production needs:

Type of packing	Bulk (t)	Big bags (kg)	
Logistic units	Silo truck	Per pallet	Big bags - different types
Mass per logistic unit	25	450, 500, 600, 1000, 1050, 1200	

Specific type of packaging can be offered on demand

LOGISTICS

In order to meet your requirements in terms of delivery, we offer different logistic solutions. Our basic offer in terms of TRANSPORTATION is:

Type of Transportation	Road transportation	Rail transportation
Packaging	In bulk or in bags on pallet.	In bulk or in bags on pallet.

Other type of delivery on demands.

