

ZEOLITE 4A – AP

Zeolite 4A-AP is a white powder of high purity with a regular, highly crystalline structure and strong catalytic properties. Through the process of ion exchange, it is possible to replace sodium ions with other ions to obtain modifications (zeolite 3A, 5A etc.).

Technical data

Properties	Chemical Characteristics		
	unit	Typical Value	Guarantee Value
LOI (1000° C, 1h)	%	20	18 - 22
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	330	270 - 380
Ion Exchange Capacity	mg CaO/g	165	160 min
pH (10% water suspension, 25° C)		11	11±1
Conductivity, 10% water suspension	µS/cm		350
Particle size distribution			
D50	µm	4	3 - 6
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 Nova Alumina doo Zvornik.

Applications

4A-molecular sieve is used as an adsorbent or molecular sieve. Mainly used as a raw materials in detergents productions, PVC productions, drying of gasses and solvents, etc.

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	1000	

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.