

Tel. +387 56 / 260 970, 260 435 Faks. +387 56 / 260 726 email: sec@birac.ba www.aluminazv.ba	TECHNICAL DATA SHEET	nova alumina
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ZEOLITE 3A – 30%

Zeolite 3A is a white powder of high purity. Highly crystalline three-dimensional structure makes this material an excellent adsorbent and molecular sieve in many chemical and industrial processes.

Technical data

Properties	Chemical and Physical Characteristics		
	unit	Typical Value	Guarantee Value
LOI (1000 °C, 1h)	%	20	17 – 23
Water adsorption Capacity (50% relative humidity, 20 °C)	%	25	23.5 min
Potassium Ion Exchange Capacity	%, mol	30	27 - 33
pH (10% water suspension)		11	10 – 11.5
Particle size distribution			
D50	µm	4	3 – 6
Mean diameter, SEM	µm	3	2 – 4
Cristallinity XRD	%	100	100
Visual inspection	-	Light ivory	-
Chloride Content	ppm		300 max

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

Applications

Mainly used as a molecular sieves and desiccants in various processes chemical construction, pharmaceutical industry (in the process of drying, refining and purification of various liquid solutions and gases in the oil and 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	500, 600	

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.