

Tel. +387 56 / 260 970, 260 435 Faks. +387 56 / 260 726 email: <a href="mailto:sec@birac.ba">sec@birac.ba</a> <a href="http://www.aluminazv.ba">www.aluminazv.ba</a>	<b>TECHNICAL DATA SHEET</b>	<b>nova alumina</b>
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## ZEOLITE ZeAl 1000 EX

ZeAl 1000 EX zeolites have a unique structural characteristics, high Si/Al ratio and high thermal and chemical stability of this material make it irreplaceable for a number of chemical and industrial processes.

### Technical data

Properties	Chemical and Physical Characteristics		
	unit	Typical Value	Guarantee Value
LOI (1000 °C, 1h)	%	3	6 max
Molar ratio SiO <sub>2</sub> /Al <sub>2</sub> O <sub>3</sub>		1100	900 min
Water Adsorption Capacity (50% relative humidity, 20° C)	%	2	2,5 max
D50	µm	2	1 – 5
Na	%	0,05	0,08 max
Crystallinity XRD	%	100	90 min

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

### Applications:

ZeAL-1000 EX has a significant application in the oil refining and petrochemical industries. It is widely used as a catalyst for hydrocarbon isomerization reactions, such as catalytic cracking and the production of gasoline and diesel fuel. In addition, it is used in medicine, agriculture, 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	450, 500	

*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.*