

## PRODUCT DATA SHEET

### SYNTHETIC ZEOLITE 3A (50%)

Main application: Raw materials in molecular sieves productions and other chemical industry.

Chemical and Physical Characteristics			
		Typical content	Guaranteed limits
Loss of Ignition, 950 °C, 2 h	[%w/w]	20	17 – 23
Water adsorption, 50%rH, 20 °C , 24 h	[%]	25	23.5 min
Ion exchange, K <sub>2</sub> O/Al <sub>2</sub> O <sub>3</sub> , ICP - AES	[%mol/mol]	50	47 - 55
pH Value (10 %, 25 °C)		11	10 – 11.5
Particle size distribution			
d(50) laser diffraction Malvern	[µm]	4	3 – 6
Mean diameter, SEM	[µm]	3	2 – 4
Cristallinity (X ray diffraction XRD)	[%]	100	100
Visual inspection	-	Light ivory	-
Chloride ISE	ppm w/w		300 max

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

Product is available in bulk, containers or packaged depending on our customer requirements and available for delivery in the following modes of transport:

- Road - silo trucks, silo containers, pallets
- Rail - bulk and pallets

Compliance: This product is REACH compliant, ask Alumina doo for the associated REACH registration details.