

PRODUCT DATA SHEET

SYNTHETIC ZEOLITE 4A MS

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

Chemical Characteristics			
		Typical content	Guaranteed limits
Water content, 950 °C, 2 h	[%]	19	22 max
Al ₂ O ₃	[%]	36	34 -37
Na ₂ O	[%]	22	21 - 23
SiO ₂	[%]	42	41 - 43
Iron			
total	ppm	120	150 max
chelatable iron	ppm	30	40 max

Physical Characteristics			
		Typical range	Guaranteed limits
Whiteness	[%]	98.5	97 min
Bulk Density	[kg/m ³]	350	300 - 400
Water adsorption, 50%rH, 20 °C , 24 h	[%]	26,5	25.5 min
pH Value (10 %, 25 °C)		11	12 max
Particle size distribution			
Median Diameter D50	µm	4	10 max
Sieve residue (Wet sieving; > 45 µm)	[%]	0.2	0,5 max
Cristallinity (X ray diffraction XRD)	[%]	100	95 min

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.