

TECHNICAL DATA SHEET

1. GENERAL INFORMATION

Trade Name	ZETA
Chemical Name	Natural Zeolite
Chemical Family	Clinoptilolite group (of sedimentary origin)
CAS Number	1318-02-1 (zeolite) / 12173-10-3 (clinoptilolite)
EINECS Number	215-283-8
Producer	Gordes Zeolit Madencilik Sanayi ve Ticaret Anonim Sirketi
Office Address	Ankara Caddesi, No:81/123, Bayraklı, Izmir/Turkey T: +90 232 348 56 56 F:+90 232 348 43 10
Factory Address	Demirci Yolu 4.km, Bodamaz Mevkii, Gordes, Manisa/Turkey T/F: +90 236 547 30 17

2. PRODUCT DESCRIPTION

Animal litter

3. CHEMICAL COMPOSITION

Chemical Composition* (determination by X-Ray fluorescence analyse, DIN 51001)

	w/w %
SiO ₂	68,8
Al ₂ O ₃	14,6
Fe ₂ O ₃	0,91
TiO ₂	0,08
CaO	2,57
MgO	0,63
Na ₂ O	0,72
K ₂ O	3,43
SiO ₂ /Al ₂ O ₃	4,7

* Generic values. Test reports available upon request.

4. PHYSICAL, CHEMICAL AND MINERALOGICAL PROPERTIES

Form	Solid, powder or granules
Colour	White, light cream, whitish beige, beige
Odour	None
Moisture	Standard: <12%. Moisture level can be adjusted.
Size	Standard: < 1mm, 0,2 – 1mm, 1 – 2mm. Any other size available.
Specific Gravity	1,9 – 2,1 g/cm ³
Bulk Density	0,6 – 1,2 g/cm ³
Solubility in Water	Insoluble
Average Porosity	35-40%
Surface Area	40,79 m ² /g
Water Retention Capacity	35-45%
NH ₄ ⁺ Exchange Capacity	1,6 – 2,0 meq/g
Thermal Stability	up to 840 °C

5. APPLICATION

ZETA is used as an animal litter for all animals.

6. PACKAGING AND STORAGE

Available in 25 kg bags or big-bags

Store in original packaging in a cool and dry environment; avoid direct exposure to sunlight