

Technical Data Sheet Bentonite

Montmorillonite content ≥ 75 %

Ensslin value: 530 % in 24 hours

fraction: 0-2,0 mm

color (dry): light grey

Dioxin content analysis of Lufa BRD far. below the maximum limits of the OECD and NATO / CCMS. All values are nearly at the detection limit.

humidity raw from mine: 28-35 %

humidity dried: 11% +/- 2%

Swelling capacity: 24 ml/2g

pH: 9,5-10,5

bulk density: app.960 kg/m³

chemical analysis

SiO ₂	74 %
Al ₂ O ₃	14,3 %
Fe ₂ O ₃	2,6 %
CaO	1,3 %
MgO	1,09 %
Na ₂ O	0,09 %
K ₂ O	0,54 %

heavy metals

Pb	19 ppm
Cr	98 ppm
Cd	< 0,3 ppm
Ni	50 ppm
Zn	45 ppm
Cu	7 ppm
Mn	440 ppm
Co	3 ppm
Hg	0 ppm

Suitability as:

- Drilling and diaphragm wall - foundry industry, - added in the feed industry (carriers of premixes) - Cat Litter - Sealing material for deposits - mud for beauty and healing earths - For the production of bleaching earth - Admitted to the soil improvers in the agribusiness - cleaning of wine- as thickeners in the food industries - as a thickener in the paint and coatings industry.

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Wysokość kapitału zakładowego 50 000,00 zł

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Sąd Rejonowy dla Wrocławia-Fabrycznej

we Wrocławiu

Deutsche Bank PBC SA

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PL 10 1910 1048 2792 0378 4147 0001 - PLN

PL 80 1910 1048 2792 0378 4147 0002 - EUR

PL 53 1910 1048 2792 0378 4147 0003 - GBP

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