



EDASIL® Fine Granules

Natural Calcium-Bentonite

Typical values

Montmorillonite content	%	65 - 70
Specific surface	m ² /g	500 - 600
Water uptake capacity (Enslin-Neff)	%	220 - 250
Electric conductivity	mS.cm ⁻¹	1,04
Na	mmol.l ⁻¹	0,65
Cl	mmol.l ⁻¹	1,09
Dioxin Content, TCDD nach WHO	ng TE/kg	0,22
pH-Wert (KCL)		7,9
Mn-activ	mg/kg	25
P-AL	mg/kg	15
Ion change capacity (CEC)	mval/100 g	70 - 85
Basic efficiency	%	4 - 6
Bulk density	g/l	900
Water content	%	6 - 8

Chemical analysis

SiO ₂	ca. 56,0 %	MgO	ca. 4,0 %
Fe ₂ O ₃	ca. 4,0 %	K ₂ O	ca. 2,0 %
Al ₂ O ₃	ca. 16,0 %	Na ₂ O	ca. 0,4 %
CaO	ca. 4,0 %	Ignition loss	ca. 10,0 %

Heavy metals

Chromium	ca. 56 ppm	Molybdenium	ca. 20 ppm
Lead	ca. 18 ppm	Nickel	ca. 25 ppm
Copper	ca. 22 ppm	Zinc	ca. 85 ppm
Manganese	ca. 300 ppm	Arsenic	ca. 6 ppm
Cadmium	< 1 ppm	Mercury	< 1 ppm

Particle size

EDASIL® Fine Granules	< 0,5 mm	< 1%
	0,5 - 1,0 mm	20 - 40%
	1,0 - 2,0 mm	60 - 80%
	>2,0 mm	max. 2%

All informations in this publication are in accordance with our present experience and knowledge. As we have no influence on the processing and application of our products the user is solely responsible for examining their suitability. Current patents, laws and regulations are to be observed.

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