

Bara Clay granulate EDR 0-2,8



Bara Clay granulate EDR 0-2,8 consists of high quality 3-layer mineral Swedish Plateau Clay. Plateau Clay is formed during the last ice age in Scandinavia and is thus geologically a young clay. The clay is thus free from contaminants such as heavy metals, sodium, chloride and dioxins. Bara Clay granulate EDR 0-1 is mined locally with minimal environmental impact and carbon emissions. Bara Clay granulate EDR 0-2,8 meets national environmental laws and is approved for use in accordance with EU regulations for organic production. Bara Clay granulate EDR 0-2,8 is certified by RHP.

PRODUCT RECOMMENDATION	Bara Clay granulate EDR 0-2,8 RHP- cert. Bara Clay granulate EDR 0-2,8 is used as an additive in peat- and coco based growth medium to increase the clay mineral content for horticultural production in flowers, trees and shrubs. EDR 0-1 has high cat-and anion exchange capacity and acts as a nutrient buffer for nutrients. EDR 0-1 accelerates the absorption of water and disclosure of the water in the substrate. EDR 0-8 is recommended for substrate to medium-sized pots and grown to the substrate with coarse sieving of peat or coconut fiber.
USE PRODUCTION	30-70 kg Bara Clay granulate EDR 0-2,8 per m ³ Bara Clay granulate EDR 0-2,8 is manufactured by Bara Mineraler AB. EDR 0-1 are made of RHP- certified Plateau clay. EDR 0-2,8 is crushing mill, heat treated in an oven at 80 degrees Celsius and sieved to fraction 0-2,8mm.
PACKAGING	1000 kg Big Bag, 20kg bag (48x20 per EU-pallet)
ENVIRONMENTAL	Case management is recommended in contact with the product. Wear suitable respiratory equipment: Use a half mask with particle filter P3.

PHYSICAL PROPERTIES

Fraction:	granulate
Grain size:	0-2,8 mm
Bulk density, moisture:	1150 kg/m³
Moisture:	2-5%

CHEMICAL COMPOSITION - MINERAL ANALYSIS

Illite	35%
Quartz	20%
Feldspar	10%
Kaolinite	5%
Gothiet/Glimmer	5%

CHEMICAL COMPOSITION - OXIDE ANALYSIS

SiO ₂	67%
K ₂ O	3,5%
CaO	0,9%
Fe ₂ O ₃	5,6%
MgO	1,6%
Al ₂ O ₃	14,6%
P ₂ O ₅	0,1%

BIOLOGICAL PROPERTIES

Microelement	
Harmful nematodes	0 nr/100ml
Weeds	0-(2) nr/m ²

CHEMICAL PROPERTIES

pH	5-6,5
Conductivity	0,1-0,3 mS/cm
CaCO ₃	0,1-0,5%
CEC	20-26
P-fixation	88-99%
H ₂ S	No reaction
Dioxin(PCDD)(PCDF)	0,3 ng
P-AL	3-14 mg/100g
Na	0,3-0,8 mmol/l
Mn	0,1-0,5 µmol/l
Cl	0,3-1,3 µmol/l
B	<1-4,2 µmol/l
Heavy metals	
Cr	41-49 mg/kg
Ni	28-73 mg/kg
Cu	22-52 mg/kg
Zn	73-139 mg/kg
As	6,1-9,6 mg/kg
Cd	0,11-0,35 mg/kg
Hg	0,03-0,5 mg/kg
Pb	17-25 mg/kg