

Bara Clay granulate EDR 2-6



Bara Clay granulate EDR 2-6 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. The product is mined locally with minimal environmental impact and carbon emissions. Bara Clay granulate EDR 2-6 meets national environmental law requirements and is approved for use in accordance with EU regulations for organic production.

Bara Clay granulate EDR 2-6 is certified by RHP.

PRODUCT Bara Clay granulate EDR 2-6 RHP- cert.

RECOMMENDATION Bara Clay granulate EDR 2-6 is used as an additive in peat- and coco based growth medium to increase the clay mineral content for horticultural production in flowers, vegetables, trees and shrubs. EDR 2-6 has high cat-and anion exchange capacity and acts as a nutrient buffer for nutrients. EDR 2-6 accelerates the absorption of water and disclosure of the water in the substrate. EDR 2-6 is recommended for medium and large growing pots and the substrate with coarse sieving of peat or coconut fiber. EDR 2-6 should be used on substrates which have the potential for mud flushed / washed out from the substrate and in growth medium for increasing air content.

USE 40-100 kg Bara Clay granulate EDR 2-6 per m³

PRODUCTION Bara Clay granulate EDR 2-6 is manufactured by Bara Mineraler AB. EDR 2-6 are made of RHP- certified Plateau clay. EDR 2-6 has been crushed, granulated and heat treated in an oven at 80 degrees Celsius and sieved to fraction 2-6mm.

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: **2-6 mm**
 Bulkdensity, 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