Bara Mineraler is the market leader within the processing of plateau clay and pumice for use in growth medium used for commercial farming and construction. Using clay as the base material, we also produce plant care products for horticulture.Bara Mineraler is an innovative knowledgebased company with continuous product development. We market and sell our products in Sweden and Europe both directly and trough resellers.

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Bara Clay granulate EDR 0-1

Bara Clay granulate EDR 0-1 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 contaminates such as heavy metals, sodium, chloride and dioxins. The product is mined locally with minimal environmental impact and carbon emissions. Bara Clay granulate EDR 0-1 meets national environmental law requirements and is approved for use in accordance with EU regulations for organic production.
Bara Clay granulate EDR 0-1 is certified by RHP.

PRODUCT Swedish Plateau Clay, RHP- certified

RECOMMENDATION Bara Clay granulate EDR 0-1 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 0-1 is recommended for medium to small growing pots and plugs. Larger quantities can be used for the binding of peat- and coco substrates.

USE 25-60 kg Bara EDR 0-1 per m^3.

PRODUCTION Bara Clay granulate EDR 0-1 is manufactured by Bara Mineraler AB. EDR 0-1 are made of RHP- certified Plateau clay. EDR 0-1 has been crushed, granulated and heat treated in an oven at 80 degrees Celsius and sieved to fraction 0-1mm.

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:	**0-1 mm**
Bulkdensity, moisture:	**1150 kg/m^3**
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_2O	3,5%
CaO	0,9%
Fe_2O_3	5,6%
MgO	1,6%
Al_2O_3	14,6%
P_2O_5	0,1%

BIOLOGICAL PROPERTIES

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

KEMISKA EGENSKAPER

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_2S	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