

# Baralith® Oxywet



Oxywet consists of high quality 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. Oxywet meets national environmental law requirements and is approved for use in accordance with EU regulations for organic production. Oxywet is certified by RHP.

**RAW MATERIALS** Bara EDR-clay, RHP-certified.

**RECOMMENDATION** Baralith Oxywet is used as an additive in peat and cocoa based growth substrates. It is used as a natural wetting agent that keeps the peat moist and spreads the water in the substrate. This increases the oxygen levels in the growth container lower parts very fast.

**ENVIRONMENT** Microparticle powder. Use a protective mask using particle filter P1 when handling.

**PRODUCTION** The product is manufactured by Bara Mineraler AB. Baralith Oxywet is produced from select Bara-EDR-clay that has been RHP-certified. The product is heat treated in an oven to at least 80 degrees celcius until it becomes a finely grained powder.

**USE** 6-12 kg Baralith Oxywet per m<sup>3</sup>

**PACKAGING** 1000 kg Bigbag, 20 kg bag (48x20 per pallet)

## PHYSICAL PROPERTIES

Fraction:	<b>powder</b>
Grain size:	<b>&lt;200 µm</b>
Bulk density, moisture:	<b>880 kg/m<sup>3</sup></b>
Moisture:	<b>2-5%</b>

## CHEMICAL COMPOSITION - MINERAL ANALYSIS

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

## CHEMICAL PROPERTIES

pH	5-6,5
Conductivity	0,1-0,3 mS/cm
CaCO <sub>3</sub>	0,1-0,5%
CEC	20-26
P-fixation	88-99%
H <sub>2</sub> 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

## BIOLOGICAL PROPERTIES

Harmful nematodes	0 nr/100ml
Weeds	0-(2) nr/m <sup>2</sup>