

# Product properties



## Carbofex Biochar Natural

Product category: 3A Organic soil conditioner

Ingredient class: Pyrolytic carbon

EBC-certified Agro Organic

Batch ID: ba-fi-37-2-2

Pyrolysis temperature ~650C.

Particle size: 0-20 mm

Water holding capacity 343 %  
Bulk density 189 kg/m<sup>3</sup>  
Surface area m<sup>2</sup>/g 364,5 (BET)  
Total carbon 92,9 %  
Conductivity at 5t pressure 230 mS/cm  
Ash 2,4 %

pH 8,5  
PAH 5,9 mg/kg  
H / C<sub>org</sub> -ratio: 0.15  
O / C -ratio 0,023  
Water content 11,8 %

N 5,7g/kg  
P 1,5 g/kg (water soluble P 0,0 %)  
K 3,1 g/kg

Ca 12,7 g/kg  
Mg 1,6 g/kg

Arsenic (As) <0,8 mg/kg  
Copper (Cu) 15 mg/kg  
Cadmium (Cd) <0,2 mg/kg  
Nickel (Ni) 5 mg/kg  
Lead (Pb) <2 mg/kg

Chromium (Cr) 28 mg/kg  
Mercury (Hg) <0,07 mg/kg  
Boron (B) 12 mg/kg  
Manganese (Mn) 580 mg/kg  
Zinc (Zn) 104 mg/kg

Feedstock PEFC-certified spruce. Carbofex biochar is approved for organic production in EU. For soil amendment, water filtering, compost additive. Store not in direct sunlight.



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puro·earth

