

Product properties



Carbofex Biochar Natural Spruce

Product category: 3A Organic soil conditioner

Ingredient class: Pyrolytic carbon

EBC-certified Agro Organic

Batch ID: ba000244

Pyrolysis temperature ~650C.

Particle size: 0-20 mm

Water holding capacity 318,3
Bulk density 141 kg/m³
Surface area 386,6 m²/g (BET)
Total carbon 92,3 %
Conductivity at 5 t pressure 670 mS/cm
Ash 3 %

pH* 8,1
PAH (16 EPA) 3,1 mg/kg
H / C_{org} -ratio 0,15
O / C -ratio 0,033
Moisture* 33,9 %

N 5,3 g/kg
P 1,5 g/kg
K 2,2 g/kg

Ca 13 g/kg
Mg 1,6 g/kg

Arsenic (As) <0,8 mg/kg
Copper (Cu) 6 mg/kg
Cadmium (Cd) <0,2 mg/kg
Nickel (Ni) 7 mg/kg
Lead (Pb) 2 mg/kg

Chromium (Cr) 21 mg/kg
Mercury (Hg) <0,02 mg/kg
Boron (B) 12 mg/kg
Manganese (Mn) 599 mg/kg
Zinc (Zn) 53 mg/kg

*All results are reported on a dry basis; * indicates values reported as received.*

Feedstock PEFC-certified spruce. Carbofex biochar is approved for organic production in EU.

For soil amendment, water filtering, compost additive, industrial feedstock and building material use.

Instructions for landscaping and horticultural use: Mix up to 25% into soil/growth medium. Fertilize and water according to plant requirements. Do not store in direct sunlight.

Package size: 2 m³ big bag

REACH registration number: 01-2119560590-41-0207



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