



PRODUCT PROPERTIES

Carbofex Biochar Natural

EBC ku1-19 premium quality



Specific surface area m2/g:	279 (BET), 550 (DR)
Fixed carbon (FC)	93.6 %
Bulk density	130 kg/m3
Conductivity	21,5 mS/m
Moisture content	30 - 50 %
Ash	2,6 %
PAH	1.7 mg/kg, d
pH	9,5
Pyrolysis temperature	~600°C, <10 min, continuous

- H / Corg – ratio:	0.13
- Nutrient content:	N 0.65 (water soluble N 0,0%) P 0.15 (water soluble P 0,0%) K 0.2 (water soluble K 0,1%) Ca 0.6 Mg 0.1
- Water content	25,3
- Raw density	1.8

Arsenic (As)	0,036 mg/kg	Copper (Cu)	9 mg/kg
Cadmium (Cd)	0,006 mg/kg	Nickel (Ni)	28 mg/kg
Lead (Pb)	0,12 mg/kg	Chromium (Cr)	43 mg/kg
Mercury (Hg)	0,0024 mg/kg	Boron (B)	10 mg/kg
Manganese (Mn)	533 mg/kg	Zinc (Zn)	83 mg/kg

Feed stock and origin	PEFC-certified Spruce, max distance of harvest 80 km from the production facility Approved for organic production
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Intended use	substrate, filter media, compost additive, feed supplement
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