

Product Data Sheet

Biochar spec general



This document is based on biochar produced from FSC-certified wood pellets at Meva Energy's gasification plant in Kisa, Sweden.

Raw material: FSC-certified Wood pellets

Manufacturing process: Produced by heating biomass at high temperatures and in an oxygen-limited environment, called gasification.

Packaging: Biochar is delivered in big bags

Surface area: Approximately 600 m²/g

Density: Approximately 250 kg/m³ (dry basis)



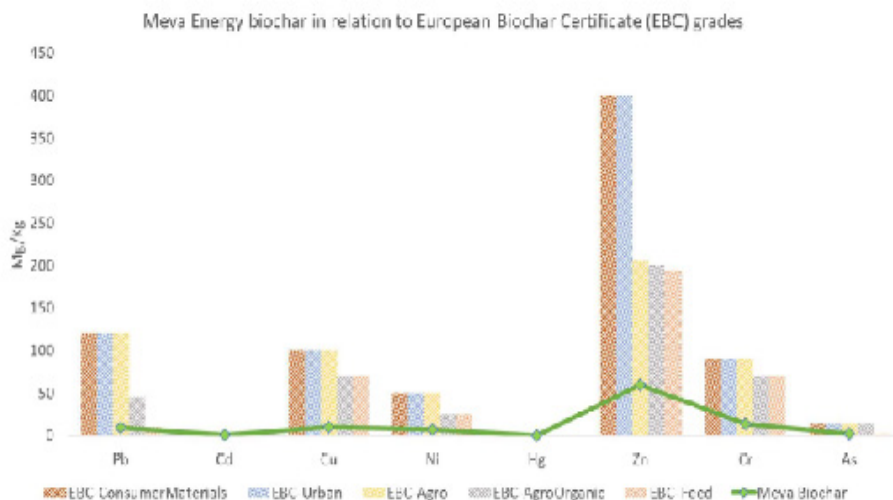
General	Value
Ash weight%	7,2
Carbon, C ,weight%	85,6
Hydrogen, H, weight%	1,8
Oxygen, O, weight%	5,0
Sulphur, S, weight%	0,1
Nitrogen, N, weight%	0,5
Upper heating value dry basis (MJ/kg)	31,3
Lower heatng value wet basis (MJ/kg)	30,9

Trace metals (mg/kg)	Value
Al	0,1
Si	0,2
Fe	0,1
Ti	<0,005
Mn	0,2
Mg	0,3
Ca	1,6
Ba	0,0
Na	0,1
K	30,7
P	0,1

Trace metals (mg/kg)	Value
As	<2
Cd	0,2
Co	6,1
Cr	15,0
Cu	48,5
Ni	9,4
Pb	4,0
V	<0,5
Zn	64,5
Mo	3,2

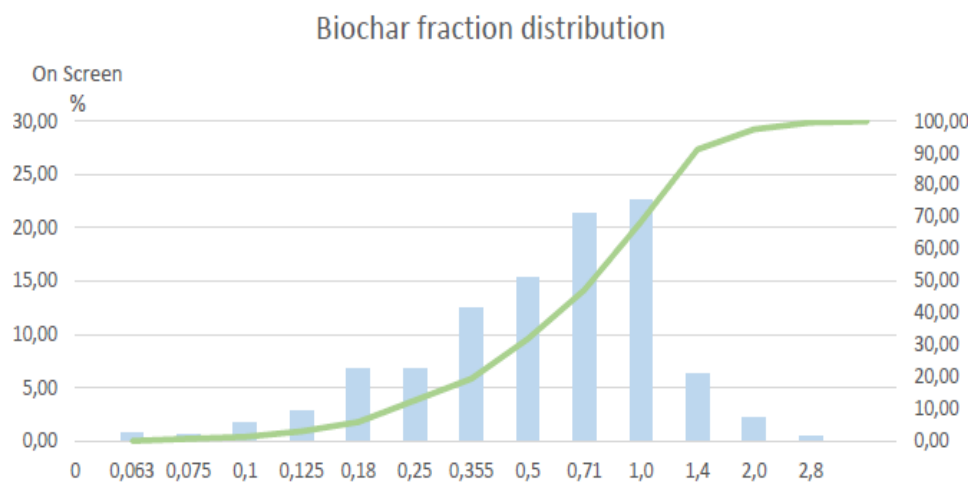
Meva Energy biochar in relation to European Biochar Certificate (EBC) grades

Meeting the trace metal requirements for European Biochar Certificate feed grade classification.



Particle size distribution

As Meva Energy's gasification is based on using fine fraction feedstock, the biochar will also have a fine fraction character as seen in the particle size distribution.



For more information on our biochar, its various applications, and the climate benefits it provides, please visit our website or contact us directly:



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