

Enviva Micro Chips™



Product Description

Enviva Micro Chips are sourced from the stems, tops, limbs, branches, and foliage of mixed hardwood and softwood trees. Contamination is negligible.

Production

A grinder that has been fitted with chipping teeth is used to produce Enviva Micro Chips. The knife speed, feed speed, and the number and sharpness of the blades all impact the size and size distribution of the product. By adjusting these settings, we can produce a product specifically designed to meet each customer's needs.

Product Applications

- Pellet stock
- Biomass energy plants
- Combined heat and power plants
- Co-firing in pulverized coal and fluidized bed energy plants

Benefits

- Carbon neutral
- Renewable

	Range	Average
Size		
>3"	0% to 2%	0%
1" to 3"	0% to 5%	2%
0.25" to 1"	0% to 5%	2%
<0.25"	90% to 98%	96%
HHV (Dry) BTU/Lb	6,100 to 9,700	8,400
Moisture Content	40% to 60%	47%
Ultimate (Dry)		
Ash	0.5% to 5%	1%
Carbon	46% to 56%	50%
Hydrogen	5% to 7%	6%
Oxygen	38% to 44%	42%
Nitrogen	0% to 2%	0.3%
Sulfur	0% to .11%	0.03%

