

# Enviva Mini Chips™



## Product Description

Enviva Mini 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 Mini 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
<b>Size</b>		
>3"	0% to 2%	1%
1" to 3"	2% to 5%	3%
0.25" to 1"	30% to 50%	40%
<0.25"	50% to 70%	56%
<b>HHV (Dry) BTU/Lb</b>	6,100 to 9,700	8,400
<b>Moisture Content</b>	40% to 60%	47%
<b>Ultimate (Dry)</b>		
<b>Ash</b>	0.5% to 5%	1%
<b>Carbon</b>	46% to 56%	50%
<b>Hydrogen</b>	5% to 7%	6%
<b>Oxygen</b>	38% to 44%	42%
<b>Nitrogen</b>	0% to 2%	0.3%
<b>Sulfur</b>	0% to .11%	0.03%

