

Enviva Wood Chips™



Product Description

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

Production

A drum chipper specifically designed and manufactured for the biomass industry is used to produce Enviva Wood 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

Benefits

- Carbon neutral
- Renewable

| | Range | Average |
|-------------------------|----------------|---------|
| Size | | |
| >6" | 0% to 10% | 5% |
| 2" to 6" | 5% to 20% | 10% |
| 1" to 2" | 60% to 100% | 75% |
| < 1" | 5% to 20% | 10% |
| HHV (Dry) BTU/Lb | 6,100 to 9,700 | 8,400 |
| Moisture Content | 25% to 60% | 45% |
| 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% |

