

Waste Wood Chips

DESCRIPTION

Virgin wood broken into smaller pieces by various pieces of equipment (chipper, planer, trimmer) in both the pulp & paper and solid wood industries. Waste chips include wood chips of irregular size (fines) and may be contaminated by bark or rot. Waste chips have a relatively high (50 percent) moisture content.

CLASSIFICATION

Lignocellulosic biomass

SOURCE INDUSTRY

[Pulp & Paper industry roadmap](#), [Solid Wood Products industry roadmap](#)

ANNUAL VOLUME GENERATED IN WISCONSIN

Unknown

CURRENT APPLICATIONS

Combustion

PRICE

Unknown

APPLICABLE BIOREFINING PROCESSES

[Aerobic digestion/composting](#), [biomass gasification](#), [combustion](#), [fast pyrolysis](#), [fermentation of lignocellulosic biomass](#), [fiber composites manufacturing](#), [thermochemical liquefaction](#)

REFERENCES

Meeting Wood Industry Energy Needs with Waste Wood. Wisconsin Energy Bureau. www.focusonenergy.com/data/common/pageBuilderFiles/28941648410_wastwood.pdf (8 April 2004)

The Wisconsin Primary and Secondary Wood Using Industry Directories. University of Wisconsin-Madison. 2004. www.forest.wisc.edu/directories.htm (16 April 2004).