TORREFACTION

Meaning: Torrefaction is a thermal process that heats biomass in the absence of oxygen to enhance its energy density and improve its combustion characteristics.

1. Torrefaction is a crucial process in converting biomass into a more energy-dense fuel.
2. The torrefaction of wood chips can significantly improve their combustion properties.
3. During torrefaction, the moisture content of the biomass is reduced, enhancing its shelf life.
4. Researchers are exploring torrefaction as a way to produce sustainable alternatives to fossil fuels.
5. The torrefaction process involves heating biomass in the absence of oxygen to prevent combustion.

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