

ABSTRACT

The present invention relates to a method for calculating dissipation of carbon emissions of a recyclable material in a single cycle period, including the following steps: obtaining carbon emissions generated from the production of the recyclable material as carbon emissions from the production of a primary material; in a process of recycling and reusing the recyclable material, obtaining carbon emissions from the production of a recycled material and carbon emissions of a recycled primary material; and calculating the dissipation of carbon emissions in a single cycle period. The calculation method provided by the present invention represents the carbon emission that are consumed in a current life cycle in a production process of a specific product and is unrecyclable, is an emission level in the single cycle period, has a microscopic concrete meaning, and can provide guidance for carbon reduction design in product production, use and recycle processes.

[No figure]