

# dfztlwpydo

carboncalcpcf.com  
Product Carbon Footprint Analysis

Total Footprint  
**371.75**  
kg CO<sub>2</sub>e

## Product Name

### dfztlwpydo

1.0 unit, China

## Total Footprint

### 371.75 kg CO<sub>2</sub>e

Cradle-to-Grave

## Carbon Intensity

### 2.19 kg CO<sub>2</sub>e/kg

Per unit weight (0.170 tonnes)

## Primary Emission Scope

### Scope 3

Dominant in Materials & Transport

## Lifecycle Stage Breakdown

Materials Acquisition & Pre-processing	364.00 kg CO2e
Transport	86.70 kg CO2e
Use Phase	12.50 kg CO2e
Manufacturing/Production	3.75 kg CO2e
End-of-Life (Net Credit)	-95.20 kg CO2e

## Material Carbon Impact

Raw Material A (Metals)	250 kg CO2e
Component B (Plastics)	90 kg CO2e
Packaging C (Paper/Board)	24 kg CO2e

## Key Insights

- Material Hotspot:** Materials Acquisition & Pre-processing accounts for the largest share of emissions (364.00 kg CO2e), highlighting the critical role of sustainable sourcing and material choices.
- Significant Transport Impact:** Transport emissions (86.70 kg CO2e) are substantial due to long-distance intercontinental logistics, offering clear opportunities for optimization.
- End-of-Life Credit:** High recyclability (60%) and comprehensive circular economy programs result in a significant net credit (-95.20 kg CO2e) at the End-of-Life phase, demonstrating effective waste management.

