Product Carbon Footprint for wjqwixeeeo

Company: pktygeuxxp | **Standard:** GHG Protocol | **Boundary:** Cradle-to-Grave
carboncalcpcf.com

129.79 kgCO2e

Total Footprint (1 unit)

Total Footprint

129.79 kgCO2e

Carbon Intensity

129.79 kgCO2e/unit

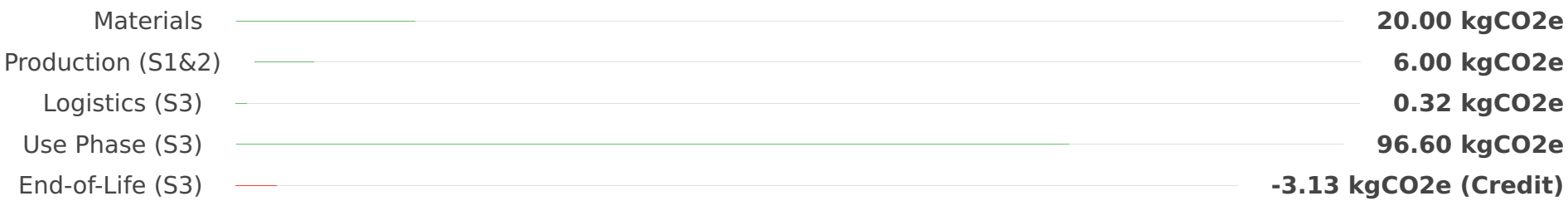
Top Material Hotspot

Circuit Board

Primary Emission Scope

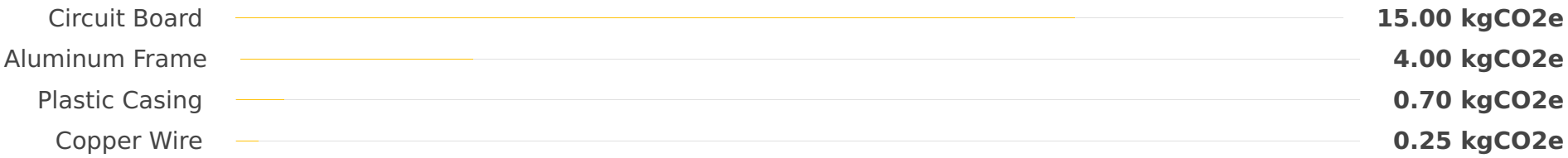
Use Phase (Scope 3)

Lifecycle Stage Breakdown



Material Carbon Impact

Breakdown of 20.00 kgCO2e for Raw Materials



Key Highlights

- The **Use Phase** accounts for the largest share of the carbon footprint (96.60 kgCO2e), emphasizing user energy consumption.
- **Raw Material Acquisition**, particularly the Circuit Board and Aluminum Frame, is the second largest hotspot (20.00 kgCO2e).
- A **net credit** of -3.13 kgCO2e is achieved at End-of-Life due to high recyclability and circular programs.

Action Plan for Reduction

- **Optimize Use Phase:** Focus on designing for energy efficiency and exploring renewable energy solutions for users.
- **Sustainable Sourcing:** Prioritize lower-carbon materials and increase recycled content in components like the Circuit Board and Aluminum Frame.
- **Boost Green Manufacturing:** Further increase the percentage of renewable energy used in production facilities beyond 60% to reduce Scope 2 emissions.
- **Enhance Circularity:** Continuously optimize collection and recycling infrastructure to maximize End-of-Life credits.