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Product Carbon Footprint Analysis for jkizxdueoh

Total PCF: **28.415 kgCO2e** per unit

Total Footprint

28.415 kgCO2e

Carbon Intensity

28.415 kgCO2e/unit

Top Hotspot

Use Phase

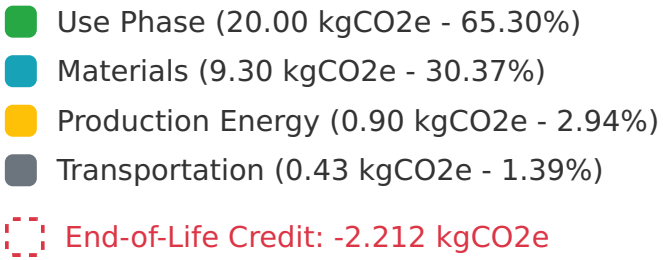
70.38% of Total PCF

Primary Scope

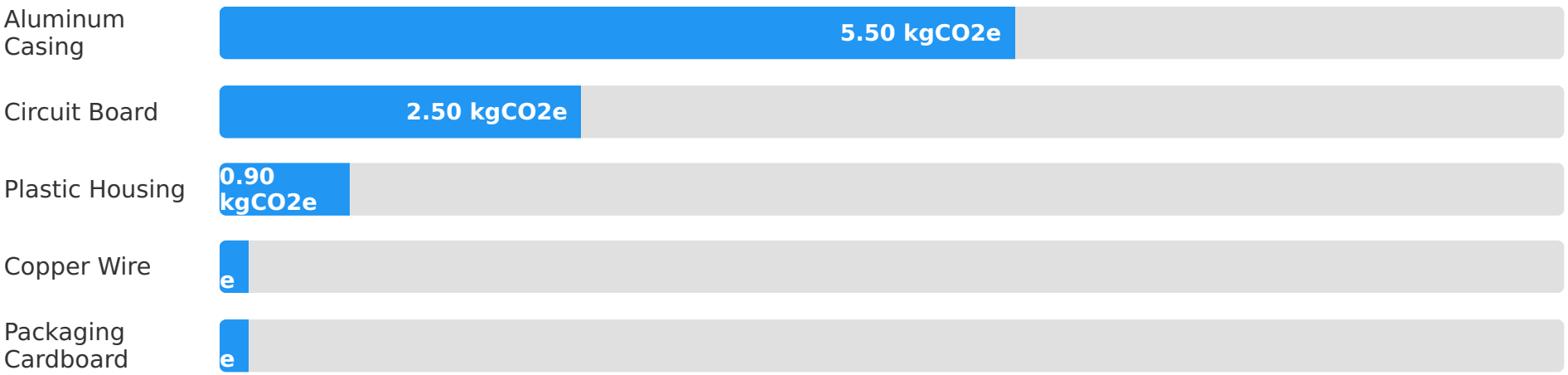
Scope 3

Value Chain Emissions

Gross Lifecycle Emission Breakdown



Material Carbon Impact (Upstream)



Highlights & Key Findings

- The total Product Carbon Footprint for one unit of **jkizxdueoh** is approximately **28.415 kgCO2e**.
- The **Use Phase** is the most significant hotspot, contributing **20.0 kgCO2e (70.38%)** of the total footprint.
- Strong **End-of-Life programs** (80% recyclability, active take-back) resulted in a **negative net impact (-2.212 kgCO2e)**, significantly reducing the overall PCF.

Action Plan: How to Reduce Emissions

1. **Optimize Use Phase:** Invest in R&D to further improve the energy efficiency of **jkizxdueoh** during its operational lifespan, and educate end-users on efficient product usage.
2. **Sustainable Sourcing:** Collaborate with suppliers to identify and source lower-carbon materials, including materials with higher recycled content.
3. **Enhance Circularity:** Continue to strengthen circular/take-back programs and explore opportunities to increase the recyclability percentage beyond 80%.
