

carboncalpcf.com

Product Carbon Footprint (PCF)

for Product: ddsqkqnrwv

Standard: GHG Protocol | Boundary: Cradle-to-Grave

47.39 kg CO₂e
Total PCF per unit

TOTAL CARBON FOOTPRINT

47.39 kgCO₂e

per 1.0 unit ddsqkqnrwv

CARBON INTENSITY

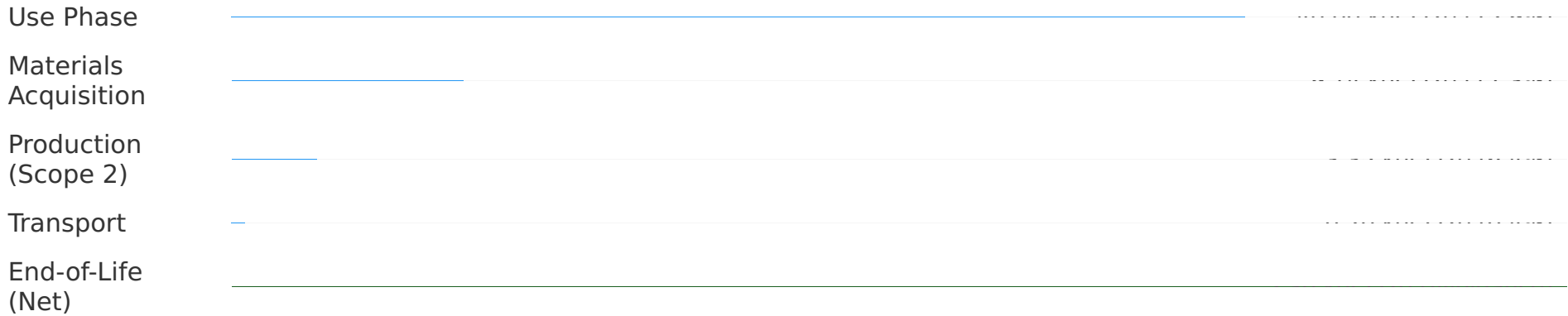
47.39 kgCO₂e/unit

Equivalent to driving ~118 miles in a car

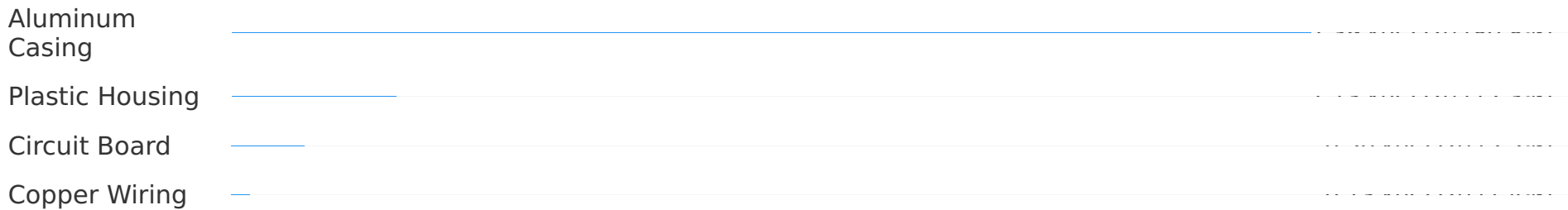
TOP MATERIAL HOTSPOT

Aluminum Casing

Carbon Footprint Breakdown by Lifecycle Stage



Material Carbon Impact Breakdown



Highlights & Key Insights

The **Use Phase** is the single largest contributor, accounting for approximately 84.4% of the total carbon footprint, driven by energy consumption over its 5-year lifespan.

- Optimize Use Phase Energy Efficiency:** Focus on designing devices for lower energy consumption and encourage renewable energy use by customers.

Generated by carboncalcpcf.com - Confidential - Internal Use Only