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Product Carbon Footprint: **tukplhfjnx**

Total PCF: 49.052 kgCO₂e per unit

Company: iwskeekiwx | Standard: GHG Protocol | Date: May 25, 2026

Total Footprint

49.052 kgCO2e

per unit of tukplhfjnx

Carbon Intensity

49.052 kgCO2e/unit

for 1.0 unit of tukplhfjnx

Top Material Hotspot

Aluminum Casing

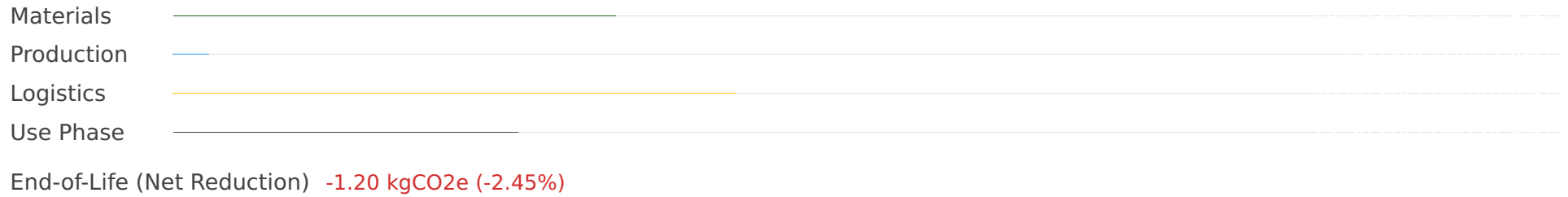
7.50 kgCO2e

Primary Emission Scope

Scope 3

47.752 kgCO2e (97.35%)

Lifecycle Stage Breakdown



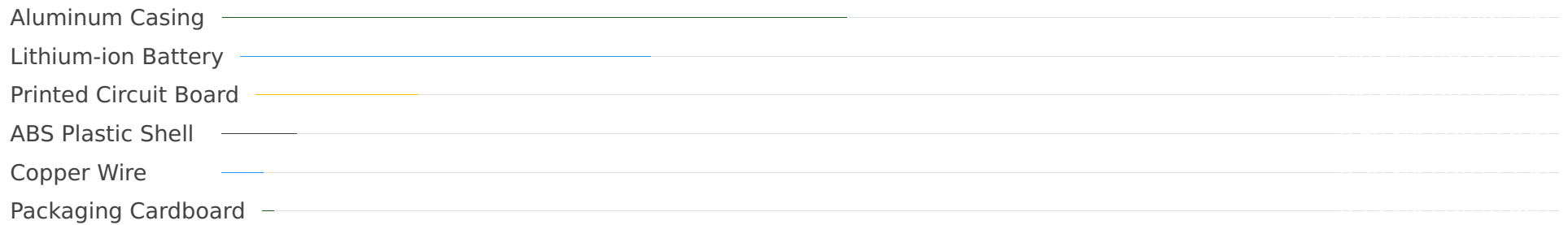
Materials Acquisition & Processing

Manufacturing (Scope 2)

Transportation & Distribution

Use Phase

Material Carbon Impact



Key Emission Highlights

- **Downstream Transportation:** Last-mile delivery is a significant hotspot, contributing 20.00 kgCO₂e.
- **Materials Acquisition:** Raw materials, particularly Aluminum Casing and Lithium-ion Battery, are substantial upstream contributors at 16.05 kgCO₂e.
- **Use Phase Energy:** The energy consumed during the product's lifespan adds 12.50 kgCO₂e, highlighting the importance of energy efficiency.

Recommendations for Reduction

- **Supply Chain Engagement:** Prioritize obtaining primary, activity-specific emissions data for high-impact materials.
- **Logistics Optimization:** Investigate opportunities to optimize transportation modes and routes, including electrification of delivery fleets.
- **Product Design:** Focus on improving the energy efficiency of 'tukplhfjnx' for its use phase.
- **Circular Economy:** Strengthen "Product Return & Refurbishment Programs" and expand material recovery efforts.

Note: All emission values are calculated per 1.0 unit of 'tukplhfjnx' under a 'factory_gate' system boundary, adhering to GHG Protocol standards with 2026 updates conceptually applied. Illustrative data has been used for certain parameters as indicated in the full report.