

Product Carbon Footprint Dashboard for vuqekttsko

Company: numojsgfhk | Standard: GHG Protocol | Production Country: China

Total PCF: 26.99 kg CO₂e

Report Generated: 2026-05-17 UTC

Total Footprint

26.99 kg CO2e

Carbon Intensity

26.99 kg CO2e / unit

Top Material Hotspot

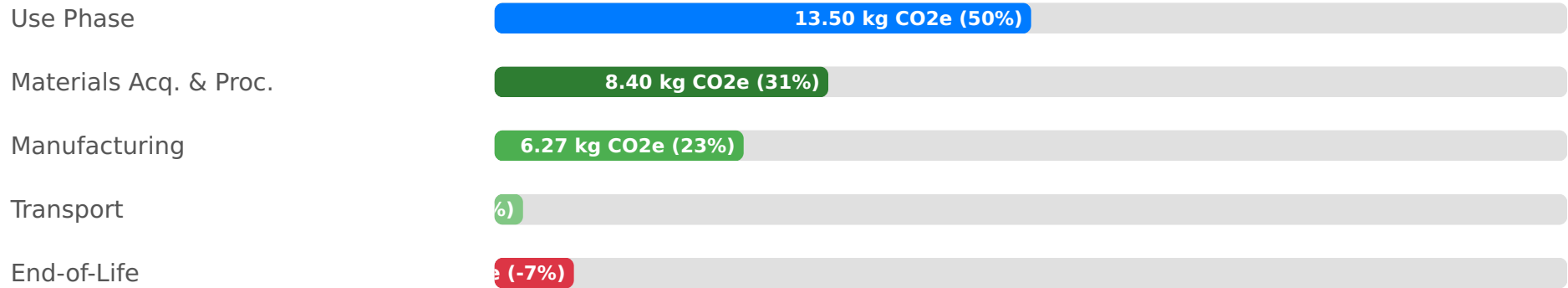
Aluminium Casing (6.0 kg CO2e)

Primary Emission Scope

Scope 3 (20.62 kg CO2e)

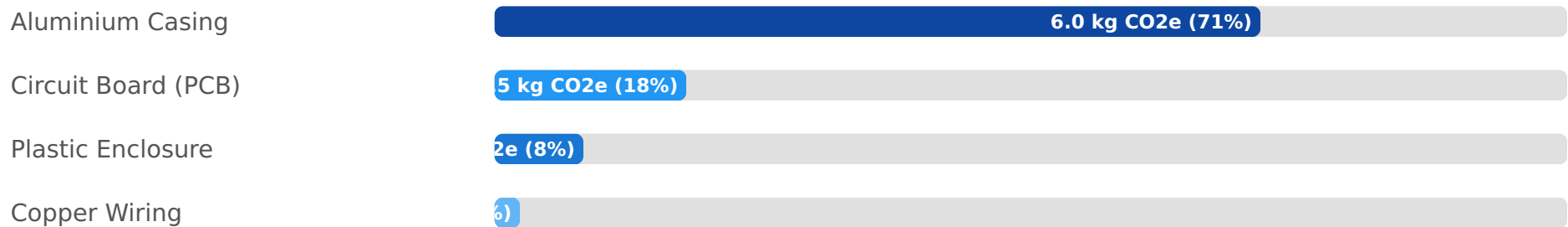
Lifecycle Stage Breakdown

Breakdown of emissions across the product lifecycle.



Material Carbon Impact

Contribution of individual materials to the overall materials footprint.



Key Highlights

- Use Phase is the leading emission hotspot, accounting for ~50% of the total PCF, driven by product energy consumption.
- Materials Acquisition & Processing contribute significantly (~31%), with Aluminium and electronics being major factors.
- Strong recyclability and circular programs provide a notable carbon credit (-7%) at the product's End-of-Life.

Recommended Action Plan

****Enhance Use Phase Efficiency:**** Focus on R&D to reduce energy consumption during the product's operational lifespan.

****Sustainable Material Sourcing:**** Prioritize suppliers offering materials with lower embodied carbon footprints and higher recycled content.

****Manufacturing Optimization:**** Increase the percentage of renewable energy used in manufacturing and implement energy efficiency measures.

****Supply Chain Logistics:**** Optimize transport routes and modes, favoring lower-emission options like rail or sea freight.

****Strengthen Circular Economy:**** Expand and promote take-back and recycling programs to maximize material recovery.