

html

Product Carbon Footprint Dashboard

Product: ojgeszehun | Company: vhlprzzl

Total PCF: 8.196 kg CO₂e

Total Footprint

8.196 kg CO₂e

Carbon Intensity

8.196 kg CO₂e / unit

Top Material Hotspot

Aluminum Casing (1.875 kg CO₂e)

Primary Emission Scope

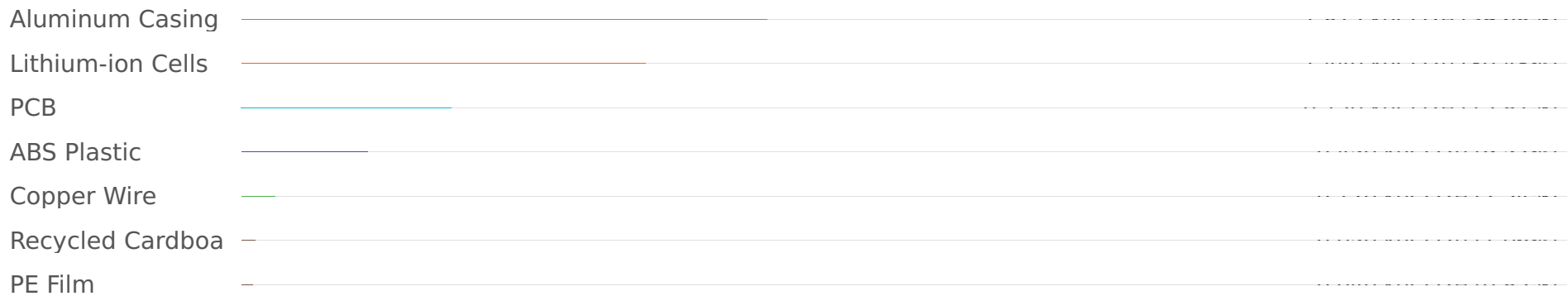
Scope 3 (Upstream)

Lifecycle Stage Breakdown (Gross Emissions)

Gross Emissions (before EoL credit): 8.476 kg CO₂e
End-of-Life Recycling Credit: -0.280 kg CO₂e
Net Product Carbon Footprint: **8.196 kg CO₂e**

■ Materials Acquisition ■ Production Energy (Scope 2) ■ Upstream Transport ■ Downstream Transport ■ Use Phase

Material Carbon Impact (of 4.725 kg CO₂e total materials)



Highlights & Emission Hotspots

Materials Acquisition (57.65%): The largest portion of the PCF, driven significantly by aluminum, electronics, and lithium-ion cells.

Use Phase (36.61%): The energy consumed by the product during its 3-year lifespan contributes substantially, highlighting the impact of user behavior and electricity grids.

Production (3.64%): While smaller than materials and use phase, the electricity consumed during manufacturing is still a notable area, especially given China's grid emission factor.

