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Product Carbon Footprint for oylkvxxomn

Analyzed by yrsktqfplz • GHG Protocol Standard

TOTAL PRODUCT FOOTPRINT

38.79 kg CO₂e

Carbon Intensity

38.79 kg CO₂e

/ unit

Primary Emission Scope

Scope 3

(34.14 kg CO₂e)

Top Material Hotspot

Virgin ABS Plastic & Recycled Aluminum

(1.2 kg CO₂e each)

Production Country

China

(factory_gate boundary)

Lifecycle Stage Breakdown

Materials & Upstream FERA		4.18 kg CO ₂ e
Production (Factory)		4.65 kg CO ₂ e
Logistics		7.74 kg CO ₂ e
Use Phase		42.00 kg CO ₂ e
End-of-Life Reduction		-19.78 kg CO ₂ e

Material Carbon Impact

Recycled Aluminum Alloy		1.2 kg CO ₂ e
Virgin ABS Plastic		1.2 kg CO ₂ e
Silicon Chip		0.75 kg CO ₂ e
Copper Wire		0.25 kg CO ₂ e
Cardboard Packaging		0.1 kg CO ₂ e

Highlights & Hotspots

- The product's energy use over its 7-year lifespan in the Use Phase contributes substantially to downstream Scope 3 emissions.

