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Product Carbon Footprint: ejknsgorgs

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34.496 kgCO₂e

TOTAL FOOTPRINT (PER UNIT)

34.496 kgCO₂e

TOTAL PCF PER UNIT

Scope 3

PRIMARY EMISSION SCOPE (99.14%)

Life Cycle



Aluminum Alloy

38.46%

PCB

35.16%

Material

15.38%

Copper Wire

9.16%

Cardboard Pkg.

%

Key Insights & Recommendations

- The **Use Phase** (31.025 kgCO₂e, 9.71%) is the largest contributor to ejknsorgs' carbon footprint, highlighting energy consumption as a primary area for improvement.
- **Material Acquisition & Processing** (2.73 kgCO₂e, 7.91%) is the second largest hotspot, with Aluminum Alloy and Printed Circuit Boards being significant contributors.
- ejknsorgs benefits from a high **recyclability percentage (80%)** and an active **product take-back program**, significantly mitigating End-of-Life impacts.
- Production in China currently utilizes **60% renewable energy**, a positive step towards reducing Scope 2 emissions, though further integration can yield more benefits.