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# kkhgprdyiw - Carbon Footprint

kgCO<sub>2</sub>e

Total Product Footprint

kgCO<sub>2</sub>e

Carbon Intensity (per kg)

kgCO<sub>2</sub>e/kg

Top Material Hotspot

Primary Emission Scope

# Carbon Footprint Breakdown

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## By Lifecycle Stage

Total PCF

(Cradle-to-Grave)

## Material Carbon Impact

## Key Insights & Hotspots

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## Recommendations for Reduction

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**Supplier Engagement:** Collaborate with material suppliers to obtain primary emission data for purchased goods and services to refine the accuracy of the upstream footprint.

**Renewable Energy Expansion:** Explore opportunities to further increase renewable energy usage in production facilities, beyond the current levels. This directly reduces Scope 2 emissions.

**Logistics Optimization:** Investigate more efficient transport modes and routes. Optimizing load factors and exploring electric vehicles for last-mile delivery can significantly reduce transport emissions.

**Product Design for Circularity:** Further embed circular design principles to enhance durability, repairability, and ease of recycling. This can lead to greater avoided emissions at End-of-Life.

**Customer Education:** Provide clearer guidance to customers on efficient product use and proper end-of-life disposal/take-back procedures to minimize use phase and EoL emissions.