

izdeofmtyn PCF Dashboard

Product by tvegkudlsx · Analyzed by xumsmuioir
Standard: GHG Protocol · Production Country: China

Total PCF (Cradle-to-Gate): 4.504 kg CO₂e
(Cradle-to-Grave: 44.281 kg CO₂e)

4.504 kg CO₂e

Cradle-to-Gate Footprint

44.281 kg CO₂e

Cradle-to-Grave Footprint

Aluminum Frame

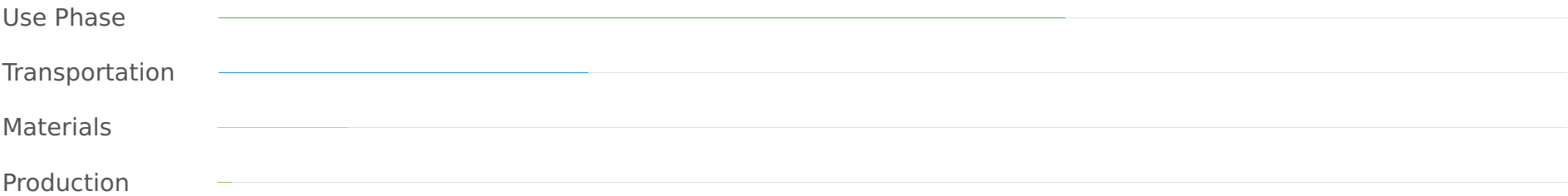
Top Material Hotspot (1.60 kg CO₂e)

Scope 3

Primary Emission Scope

Lifecycle Stage Breakdown (Cradle-to-Grave)

Distribution of positive emissions across product lifecycle stages.



End-of-Life provides a credit of 1.675 kg CO₂e (-3.78%) due to recycling programs.

How to Reduce the Carbon Footprint

- ✓ ****Enhance Use-Phase Efficiency:**** Focus on designing more energy-efficient products and encourage the use of renewable energy sources by end-users.
- ✓ ****Optimize Logistics:**** Explore options for lower-emission transport modes, consolidate shipments, and consider localized distribution models to reduce transport distances.
- ✓ ****Source Sustainable Materials:**** Investigate alternative materials with lower embodied carbon, increase recycled content, and engage suppliers for more sustainable production processes.
- ✓ ****Strengthen Circularity:**** Further develop take-back and recycling initiatives to maximize material recovery and extend product lifespan.
- ✓ ****Data Improvement:**** Work towards gathering more primary, supplier-specific data for increased accuracy and to meet future GHG Protocol (2026 Scope 3 and LSR) compliance.