

carboncalcpcf.com

Product Carbon Footprint for qwujkzmumo

Product Name

qwujkzmumo

Total PCF

56.15 kg CO₂e

System Boundary

Cradle-to-Gate (with Use & EoL)

Standard

GHG Protocol

Total Footprint

56.15 kg CO₂e

Carbon Intensity

56.15 kg CO₂e/unit

(for 1.0 unit)

Top Hotspot

Material Acquisition

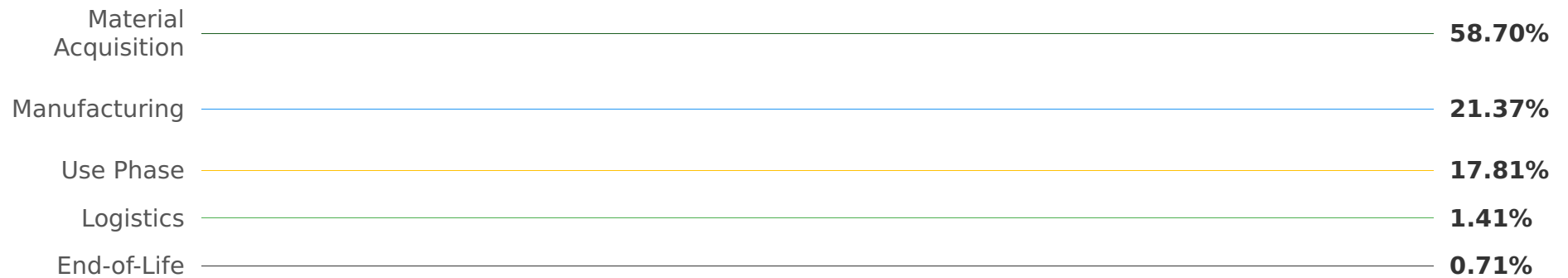
(58.70% of total)

Primary Emission Scope

Scope 3

(~78.6% of total emissions)

Lifecycle Stage Breakdown



1. **Material Decarbonization:** Engage with suppliers to explore lower-carbon alternatives or increase recycled content for high-impact materials like aluminum and ABS plastic.
2. **Manufacturing Efficiency & Renewable Energy:** Further increase the share of renewable energy beyond 60% in manufacturing operations in China and optimize production processes.
3. **Use Phase Efficiency:** Implement design improvements to reduce the product's energy consumption during its 5-year lifespan and provide guidance for efficient usage.
4. **Circular Economy Initiatives:** Fully leverage the existing product take-back and refurbishment program to extend product lifespans and maximize material recovery.