

# Product Carbon Footprint Dashboard

**Product:** jqjjxrmge | **Company:** ynlrekkqti | **Standard:** GHG Protocol

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TOTAL PCF (Illustrative)

**9.773 kgCO<sub>2</sub>e/unit**

## Overall Footprint

**9.773 kgCO<sub>2</sub>e**

per 1.0 unit of jqjjxrmge

## Carbon Intensity

**6.515 kgCO<sub>2</sub>e**

per kg of product (based on 1.5kg illustrative weight)

## Top Material Hotspot

**Primary Plastic Resin**

2.40 kgCO<sub>2</sub>e (24.6% of total PCF)

## Highlights & Emission Hotspots (Illustrative)

- **Materials Acquisition & Pre-processing** represents the largest portion of Scope 3, with primary plastic resin and electronic chipsets as significant contributors.
- **Manufacturing Energy** from grid electricity in China is a substantial hotspot, highlighting the impact of non-renewable energy sources.
- The **Use Phase** contributes significantly due to the product's lifespan energy consumption, especially considering the assumed average European grid mix.

## Key Recommendations: How to Reduce Your Footprint

- **Material Optimization:** Focus on sourcing materials with lower embedded carbon and increasing recycled content beyond current levels.
- **Renewable Energy Transition:** Accelerate the transition to 100% renewable energy for manufacturing operations in China.
- **Product Energy Efficiency:** Enhance the energy efficiency of jqujjxrmge during its use phase to minimize downstream emissions.
- **Circular Economy Integration:** Strengthen existing take-back programs and maximize recyclability to realize greater avoided emissions.