

CARBONCALPCF.COM

Product Carbon Footprint for orsxwshnwu

Report Generated: May 18, 2026

22.252 kgCO₂e

Total Product Carbon Footprint (PCF)

Total Footprint

22.252 kgCO₂e

per 1.0 unit of orsxwshnwu

Carbon Intensity

22.252 kgCO₂e/unit

GHG Protocol Standard

Top Material Hotspot

ABS Plastic Casing

0.60 kgCO₂e from Materials

How to Reduce Carbon Footprint

- ✓ **Use Phase** Prioritize design improvements for `orsxwshnwu` to significantly reduce its energy consumption
Optimization: during operation through more efficient components or smart power management.
- ✓ **Sustainable Material** Investigate opportunities for sourcing lower-carbon alternatives for key components, including
Sourcing: materials with higher recycled content.
- ✓ **Renewable Energy** Increase the percentage of renewable energy used in manufacturing operations beyond the
Expansion: current 40% to further decarbonize production.
- ✓ **Logistics** Review and optimize transport routes, modes, and load factors across the entire supply chain to
Optimization: minimize emissions.
- ✓ **Strengthen Circular Economy** Continue to invest in and promote the take-back and recycling program, exploring
Initiatives: repairability and remanufacturing.