

PCF Dashboard: rftmdnrigp

Product: **rftmdnrigp** | Quantity: 1.0 unit | System Boundary: Cradle-to-Grave | Production Country: China | Standard: GHG Protocol

**31.37 kg
CO₂e**

Total Product Carbon Footprint

TOTAL FOOTPRINT

31.37 kg CO₂e

For 1.0 unit of rftmdnrigp

CARBON INTENSITY

7.65 kg CO₂e/kg

Based on 4.1 kg product mass

TOP MATERIAL HOTSPOT

Alloy

18.75 kg CO₂e (67.4% of material impact)

PRIMARY EMISSION SCOPE

Scope 3

Dominant contribution from Upstream & Use Phase

Lifecycle Stage Breakdown

Materials
(Upstream)

Use Phase

Logistics

Production (Energy)

End-of-Life (Net
Savings)

Material Carbon Impact vs. Mass

Contribution to total material emissions (27.83 kg CO₂e) and product mass (4.1 kg).

Alloy (2.5kg)

ABS Plastic
(1.2kg)

Circuit Board
(0.1kg)

Cardboard
(0.3kg)