

Product Carbon Footprint for "pqyoqxdtjn"

Analysis by nwtwrdukok, Senior Sustainability Consultant at Idwfhnmwngx

41.16 kg CO₂e
Total Product Footprint

41.16

TOTAL PCF (KG CO₂E)

9.15

CARBON INTENSITY (KG CO₂E/KG)

Materials

TOP HOTSPOT CATEGORY

Scope 3

PRIMARY EMISSION SCOPE (93.2%)

Lifecycle Stage Breakdown

Materials Acquisition & Processing	58.6% (24.10 kg CO2e)
Use Phase	30.4% (12.50 kg CO2e)
Manufacturing (Scope 2)	6.8% (2.79 kg CO2e)
Transportation	2.4% (0.97 kg CO2e)
End-of-Life	1.9% (0.80 kg CO2e)

Top Material Carbon Impact

Breakdown of emissions within Materials Acquisition & Processing.

Aluminum Alloy Sheet	16.00 kg CO2e
ABS Plastic Casing	5.25 kg CO2e
Printed Circuit Board (PCB)	1.50 kg CO2e

