



Carbon Footprint Report

carboncalcpcf.com

Product: **mthrmjypij**

Total PCF: **30.968 kg CO2e**

Per 1.0 unit (factory_gate + use/EoL)

Product Name

mthrmjypij

Unit: 1.0

Carbon Intensity

30.968 kg CO2e

Per unit

Top Material Hotspot

Electronic Board

3.00 kg CO2e

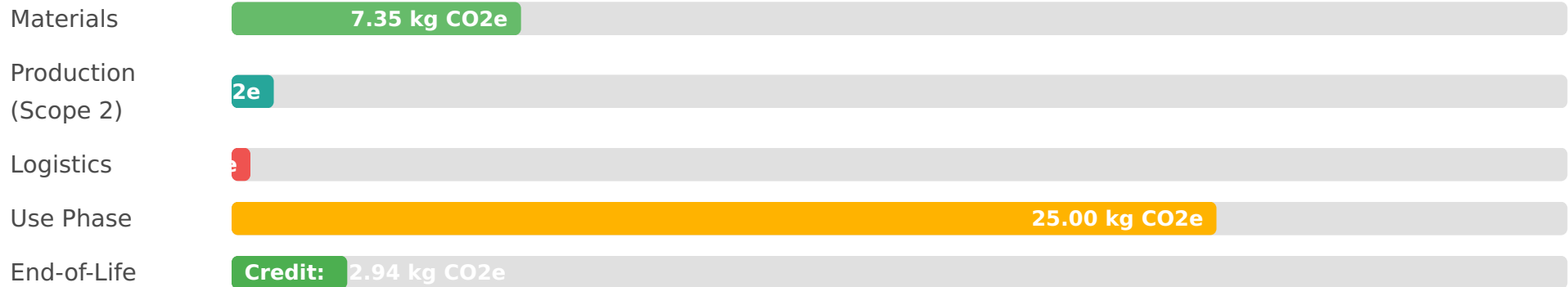
Primary Emission Scope

Scope 3

Dominated by Use Phase

Lifecycle Stage Breakdown

Distribution of emissions across the product's lifecycle. End-of-Life shows a credit due to recyclability.



Key Insights

The **Use Phase** is the dominant emission hotspot, accounting for a significant portion of the total footprint due to energy consumption over the product's lifespan.

Material embodied emissions are the second largest contributor, with the Electronic Board and Aluminum Frame identified as key areas for impact reduction.

A notable **End-of-Life credit** is achieved through high recyclability (80%) and established take-back programs, demonstrating effective circularity efforts.

