

# Measuring carbon footprint through Life Cycle Assessments (LCAs)

Sustainability starts with transparency. That's why we carry out LCAs on our products, to understand their impact on the environment. So you can see the carbon footprint of your product at a glance, and we can work to make future products more sustainable. Everybody wins.



Main life cycle stages (% of total kg CO2e)

## PANACAST 20

①	Plastics	0.01kg CO <sub>2</sub> -eq	0.06%
②	Metals	9.44kg CO <sub>2</sub> -eq	36.75%
③	Electronic components	1.03kg CO <sub>2</sub> -eq	4.03%
④	Printed circuit board	1.17kg CO <sub>2</sub> -eq	4.55%
⑤	Manufacturing	1.21kg CO <sub>2</sub> -eq	4.72%
⑥	Packaging	0.02kg CO <sub>2</sub> -eq	0.08%
⑦	Transport	1.64kg CO <sub>2</sub> -eq	6.40%
⑧	Usage	11.12kg CO <sub>2</sub> -eq	43.26%
⑨	End of life	0.04kg CO <sub>2</sub> -eq	0.15%

Product carbon footprint

**25.70**

Bureau Veritas verified kg CO<sub>2</sub>e



Resources



Processing



Manufacturing



Distribution



Use



End of life