

PRODUCT IMPACT REPORT

—
Travel Kit:
USB C - USB C cable
+ Dual charger

NÓMADE

Hune *†*



Having information is the primary tool that we, as users, possess to make conscious choices. We openly share data so that you can comprehend how and why we took each decision.

It has been proven that 80% of the environmental impact of a product can be prevented at the design stage. For this reason, at Hune we apply ecodesign strategies, ensuring that the impact of our products is minimized throughout their entire lifecycle. We choose the materials conscientiously: we analyze the specific needs of each product to find an alternative that offers us the same characteristics, but with less impact, constantly looking for a balance in all the decisions we make. We use post-consumer recycled plastics for its production, we eliminate unnecessary materials from our packaging and manufacture them with

renewable and controlled sources, we seek to have the lowest possible volume to distribute them efficiently and thus have a lower impact on the environment, we focus on designing considering its durability and recycling.

With such an ambitious challenge we will always have improvements to make. This is the best way that we have found within our reach today. We know that there is still a long way to go and there will always be screws to adjust... we are (im)perfectionists, and those are the things that make us lose sleep at night!

Hune Nómade

CIRCULARITY

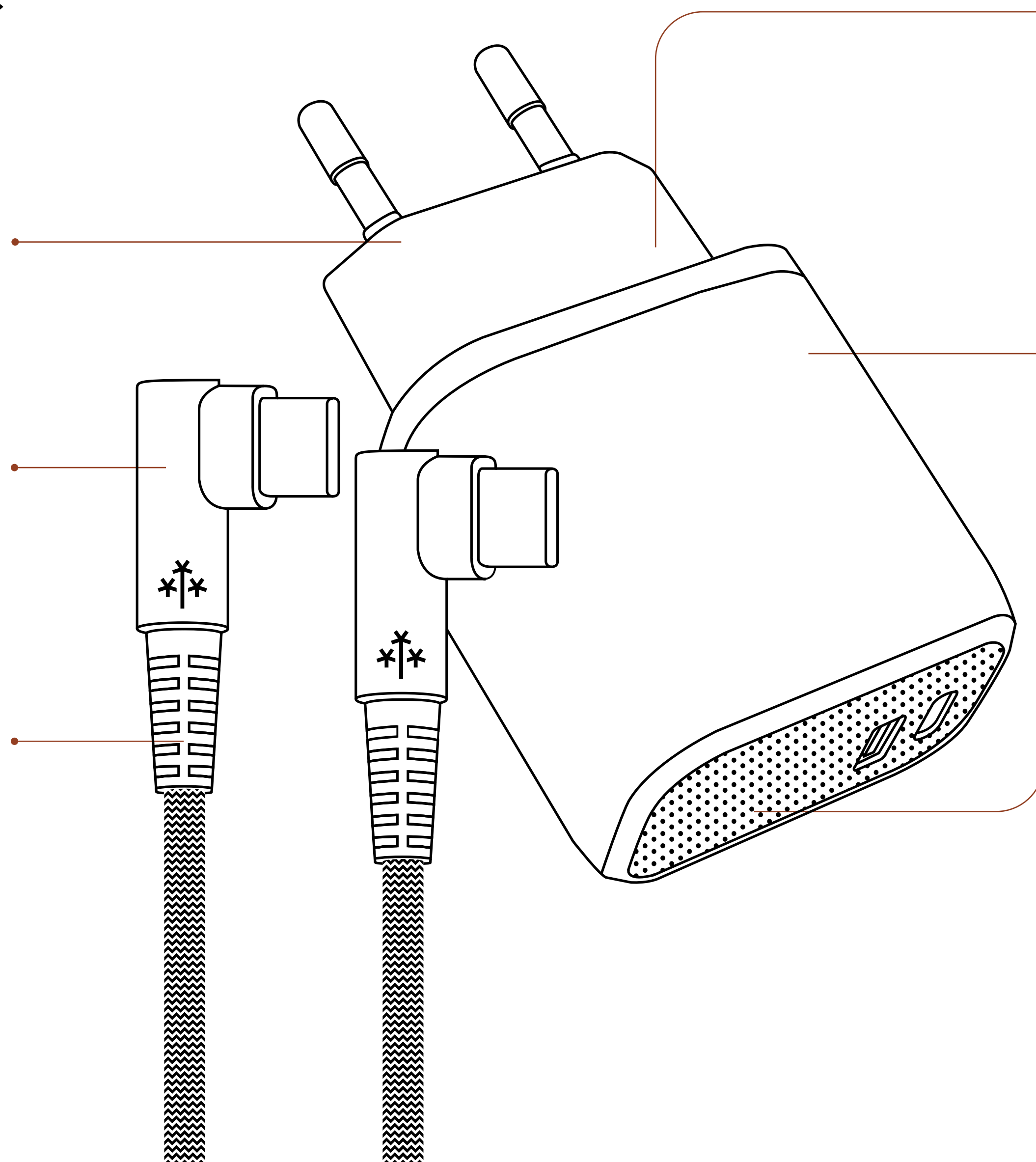
Use of recycled materials and recyclables. We are concerned about where the materials we use come from and what impact they have on their production, but also where they will end up once they reach their end of life.

REDUCED TOXICITY

Reduction of materials with volatile organic compounds. We use materials with low toxicity certifications to protect human and environmental health.

DURABILITY

The design of the cable was thought to prolong its useful life. To the outer mesh that provides greater resistance, a 90° connector was added that allows reconfiguring the tension point.



DESIGN

With a modern and simple design, its materials reflect its main values: sustainability and robustness, for an aesthetically and functionally durable product.

RESPONSIBLE SUPPLIERS

Our collaborators work under a code of conduct and in compliance with ethical conditions and social norms accepted by agreement in their production centers.

OPTIMIZED END OF LIFE

We take care of developing a product with a high degree of recyclability, making it easier for the user and the local recycler to manage it correctly.

AUDITS



We ensure the traceability of the origin of recycled plastics through the GRS and RCS certification in our suppliers.



Socially responsible suppliers audited under the BSCI certification standard.



Certification of raw material of controlled origin in order to preserve sustainability and biological diversity.

Wall charger components breakdown

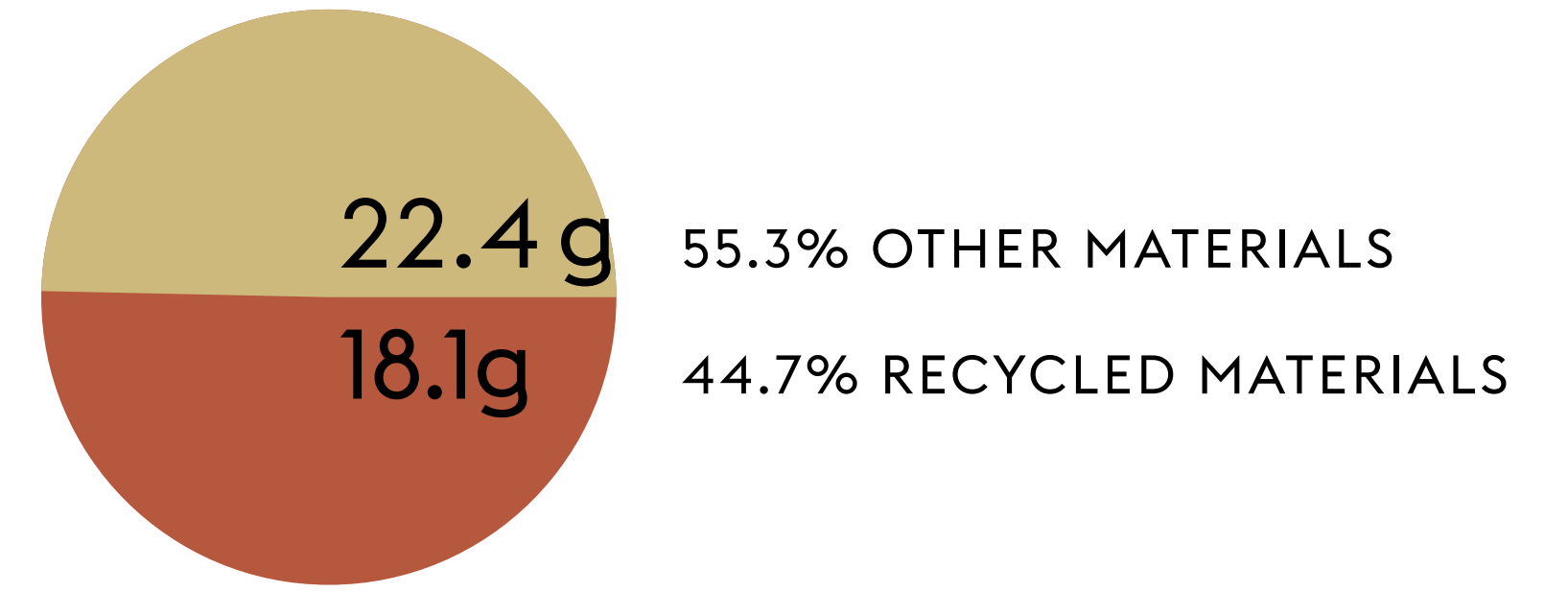


Case — 18.1 g of recycled PC

PCBA — 19.3 g

Copper — 3.1 g

Overall weight — 40.5 g



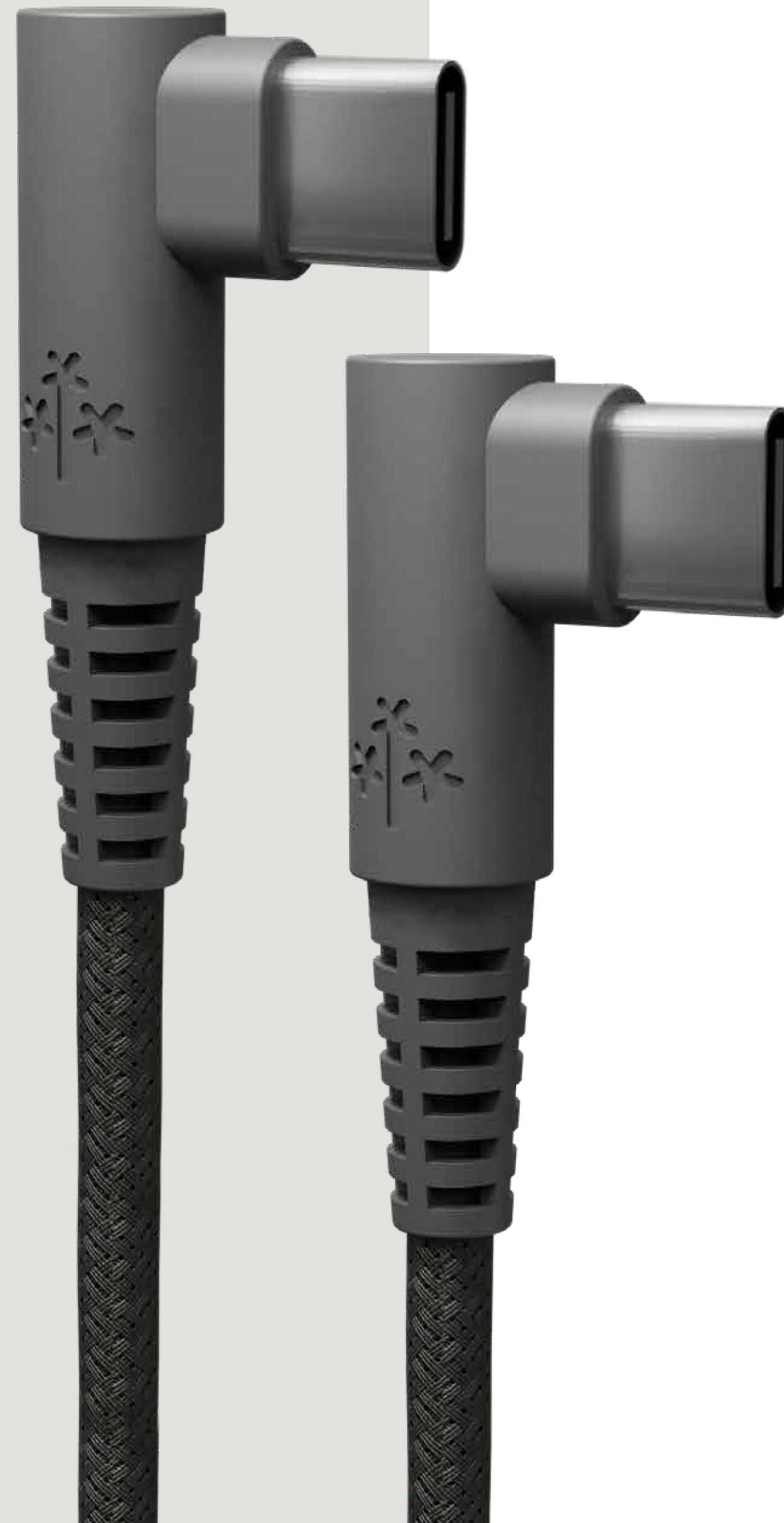
18.1 g

The amount of plastic recovered and reintroduced into the chain for each product manufactured

100%

Post-consumer recycled plastic in cases and liners

Cable components breakdown



RPET — 1.9 g of recycled PET

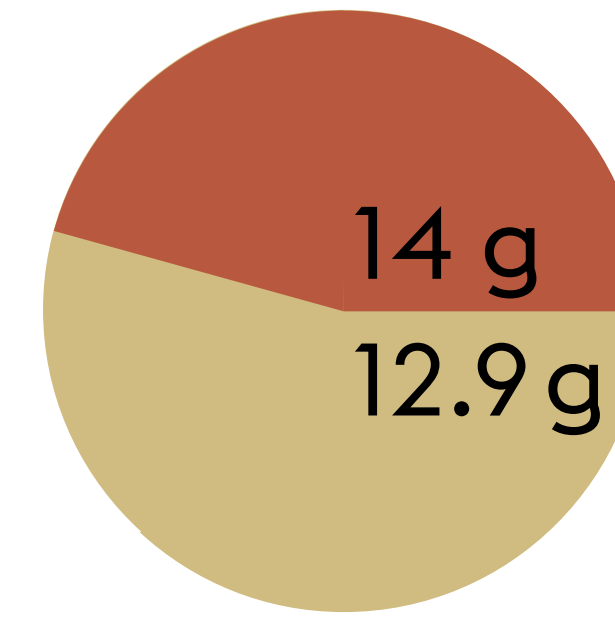
RTPE — 11 g of recycled TPE

PET — 6.2 g

Copper — 6.2 g

Iron — 1.6 g

Overall weight — 26.9 g



52% OTHER MATERIALS

48% RECYCLED MATERIALS

12.9 g

The amount of plastic recovered and reintroduced into the chain for each product manufactured

100%

Post-consumer recycled plastic in cases and liners

Wall charger materials

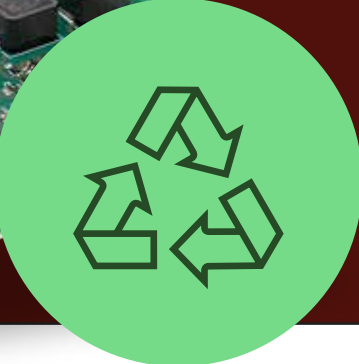



rPC

The used rPC is a plastic certified by GRS, considered 100% post-consumer recycled PC. This way, we manage to reintroduce waste into the production chain and generate new products from them.

PC is a plastic Very light but highly resistant and with excellent thermal insulation, which makes it ideal for this type of product.

CASE

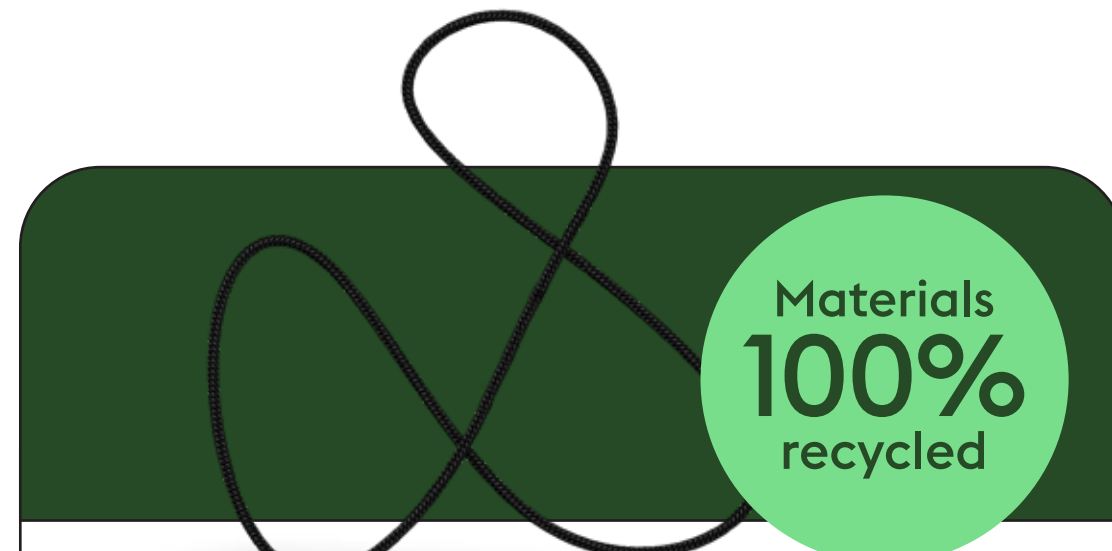


Inside you can find multiple materials that, thanks to proper management, can be recovered and reused. As we have said, unfortunately this cable will not last forever. Once you get rid of it, please do so by following the suggestions on our site, so that managers can find a new use for:

- Copper
- PCBA
- Screws

INTERNAL COMPONENTS

Cable materials



rPET

PET is the most recycled plastic material on the planet. Thanks to properties such as transparency, resistance, good barrier to oxygen and water vapor or its ability to be in contact with food, its use has been exacerbated, generating enormous amounts of waste that must be reintroduced into the chain. Using recycled PET we save energy and avoid further oil extraction, reducing GHG emissions.

MESH




rTPE

rTPE is a thermoplastic elastomer of recycled origin, ideal for flexible components.

We chose to produce with recycled TPE as it has high durability, low toxicity, easy recycling and a reduced carbon footprint, making it a much more sustainable alternative to PVC, the plastic traditionally used to protect cables.

CASES + COATINGS



Inside you can find multiple materials that, thanks to proper management, can be recovered and reused. As we have said, unfortunately this cable will not last forever. Once you get rid of it, please do so by following the suggestions on our site, so that managers can find a new use for:

- Copper
- Coating of internal cables

INTERNAL COMPONENTS

Wall charger carbon footprint

ABS or Aluminum
for cases and rigid parts

Finishes or additional materials

Chargers on the market are normally made of ABS or PC. Both good quality plastics but with a high carbon footprint.

According to our calculations, the covering materials of a charger similar to ours but made of virgin ABS suppose a footprint of 89.9 g/CO₂eq. emitted into the atmosphere during its production.

In addition, these products do not usually have environmental certifications, so the origin and impact of these materials is usually not audited or measured.



70%
LESS

According to our calculations, the environmental impact of producing the casing and covers in recycled plastic is almost 20 times less than doing it in virgin plastic.

100% recycled PC in case

ROHS rubbered finish

The decision to produce casings and coverings in recycled plastic considerably reduces the CO₂ emitted into the atmosphere during its production. While producing the casing and external components of the charger only 27.1 g of CO₂ associated with the materials, **generating an 70% lower impact compared to the standard cable.**

In addition to their recycled origin, the plastics used are, in turn, **100% recyclable** and they have restricted volatile organic components (VOCs), thanks to having suppliers with ROHS certifications.

Cable carbon footprint

ABS for cases
and rigid parts

PVC cables
with PET mesh

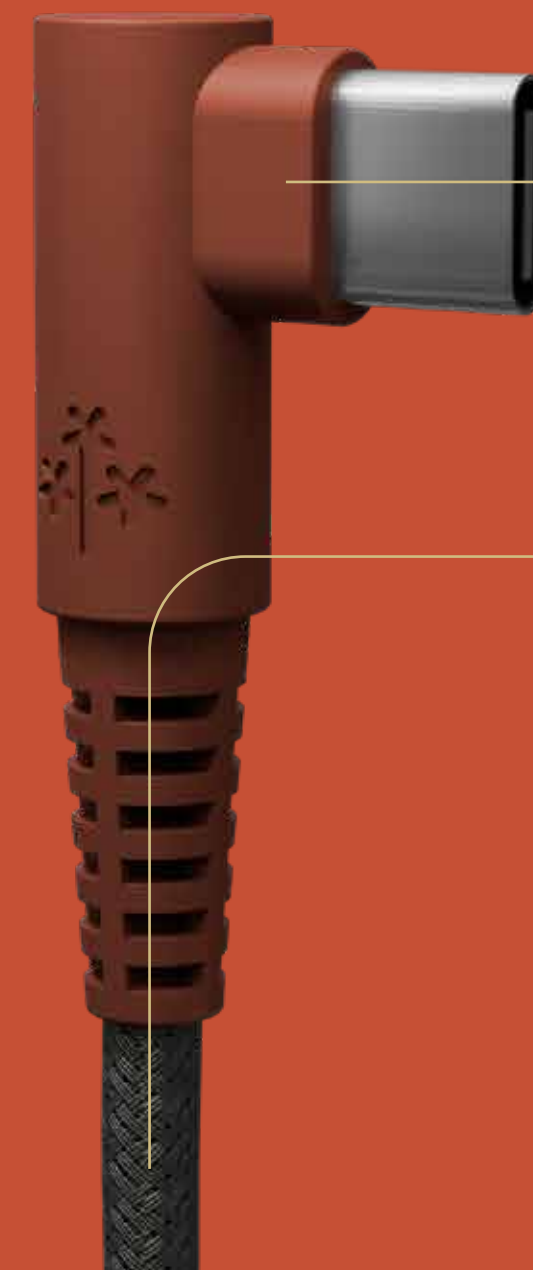
Cable connectors on the market are normally made of ABS, a good quality plastic but with a high carbon footprint. Meanwhile, the cable is usually made of PVC, a highly polluting material throughout its life cycle to the point of not having the capacity to be recycled and a mesh normally made of PET.

According to our calculations, the covering materials of a cable similar to ours but made of virgin ABS, PVC and PET suppose a footprint of 61.5 g/CO₂eq. emitted into the atmosphere during its production.

In addition, these products do not usually have environmental certifications, so the origin and impact of these materials is usually not audited or measured.



61.5 g / CO₂eq



9.8 g / CO₂eq

84%
LESS

According to our calculations, the environmental impact of producing the casing and covers in recycled plastic is almost 7 times less than doing it in virgin plastic.

100% recycled TPE in shell

Cables in recycled TPE with mesh for greater resistance in recycled PET

The decision to produce casings and coverings in recycled plastic considerably reduces the CO₂ emitted into the atmosphere during its production. When producing the casing and external components of the cable, only 9.8 g of CO₂ associated with the materials are emitted, generating an 84% lower impact compared to the standard cable.

In addition to their recycled origin, the plastics used are, in turn, 100% recyclable.

Packaging

OPTIMIZATION

We minimize the impact in the extraction of materials and in the distribution of the product, optimizing its palletizing and transport.



FSC CARTON

Packaging from renewable sources and managed in an environmentally sustainable way by a responsible entity.

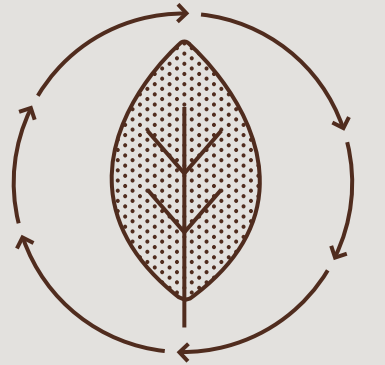
PLASTIC FREE

Reducing the amount of single-use plastics is key to sustainability. In addition, the emissions generated in its production are lower.

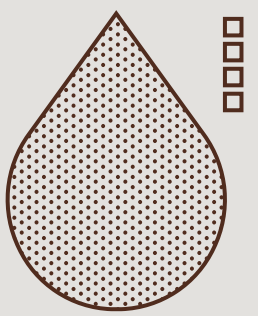
SIMPLIFIED END OF LIFE

Making use of less raw material is not only beneficial during the production process but also simplifies the work when it comes to recycling it. Less is more.

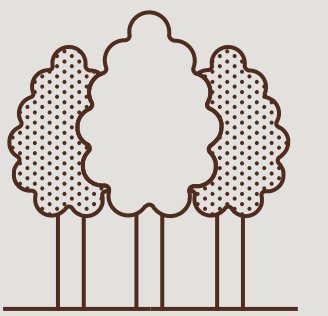
DECISIONS WITH IMPACT



We replace the use of plastics with low-emission materials from renewable sources.

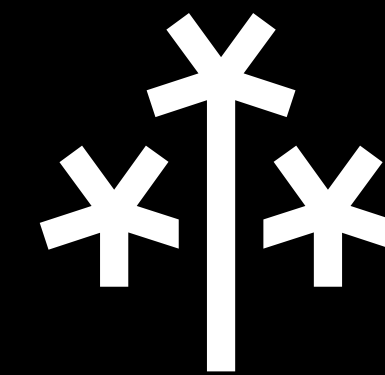


We eliminate varnishes and glues to reduce the number of chemicals and ensure good recyclability. In addition, we only print with vegetable inks.



The design of this packaging represents a reduction of 114 g of CO2 per box compared to one produced in PVC.

Information is power.
Use it.



Let's connect:

[@hune.eu](https://twitter.com/hune.eu)

hola@hune.eco

www.hune.eco