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Environmental Profile

Nokia 8210 4G



Mobile device

Weight¹: 107 grams (including battery)

Dimensions: Height 131.3 mm x Width 56.2 mm x Thickness 13.8 mm

Volume: 91 cc (cm³)

Package

Weight¹: 55.42 grams

Dimensions: Length: 70 mm x Width: 60 mm x Height: 148 mm

Volume: 622 cc (cm³)

Material: 250CCNB+G Corrugated paper and white bottom(100/140) +PET

Environmental Features

Materials and substances:

- Free of brominated and chlorinated compounds and antimony trioxide, as defined in Nokia Substance List 2021
- Free of PVC
- Free of nickel on the product surface

Packaging:

- Made of renewable material
- Contains up to 80% recycled material
- Packaging is 100% recyclable
- Corrugated paper material
- Minimized package

Recycling:

- All materials of the device can be recovered as materials and energy

User guide:

- One colour printing

Materials used

Through careful material selection we aim to reduce the environmental impact of our products. The chart below shows the estimated proportions of the materials used to create this mobile device.

- Metal: 18%
- Ceramic materials: 10%
- Plastics: 40%
- Battery: 25%
- Other: 7%

Metals: E.g. stainless steel, copper, zinc, aluminium. Our products contain ~0.1-0.2% precious metals.

Ceramic materials: Glass, other ceramics.

Plastics: E.g. ABS/PC, PET, PA, epoxy.

Battery: E.g. lithium cobalt compound, graphite, aluminium, copper.

Others: Non-metals such as silicon. Other materials such as glues.

Restricted Substances

We proactively manage and keep track of all the substances in our products, not just those that raise concerns. We have strict requirements for substances that are not allowed in our products.

This product fully complies with all relevant global regulations, for example:

- The EU RoHS Directive 2011/65/EU with amendment (EU) 2015/863
- "Measures for the Administration of the Restricted Use of the Hazardous Substances Contained in Electrical and Electronic Products" commonly known as "China RoHS 2.0"
- European REACH Regulation 1907/2006/EC
- The Montreal Protocol on Substances That Deplete the Ozone Layer
- California Proposition 65
- Product does not contain and were not manufactured with Conflict Minerals that were sourced in the Democratic Republic of the Congo or adjoining countries
- EU Regulation (EC)2019/2021 on Persistent Organic Pollutants

Additionally, we have voluntarily restricted the use of many other harmful substances, and called attention to substances such as skin sensitizers and substances that might cause harm to the environment or to the user during the lifecycle of the product. Some details of such substances for this product are listed below:

- The surface of this device is nickel-free
- This product does not contain Brominated or Chlorinated compounds or Antimony trioxide as specified in Nokia Technologies Substance List 2021
- Polyvinylchloride (PVC) is not used in this product or its packaging

Energy Consumption ²

The supplied battery complies with the EU Battery Directive 2013/56/EU and does not contain cadmium, lead, or mercury in concentrations higher than those defined in the directive.

The supplied charger meets EU ErP directive and regulation 2019/1782 and EU Code of Conduct on Energy Efficiency of external power supplies.

Energy consumption

Call (4G BAND1) : 900 mW

Idle mode SS (4G): 8.4 mW

Idle mode DS (4G): 12.2 mW

Battery

Battery capacity: BL-L4E 1450 mAh

Battery weight: 27 grams

Charger:

Manufacturer/producer: HMD

Model: AC-18

Input voltage: 100-240 V Input AC frequency: 50/60 Hz Output voltage: 5.0 V Output current: 0.55 A Output power: 2.75 W Average active efficiency: 70.9 % Charger no-load power consumption: < 0.075 W Charger weight: 31 grams

Packaging

We work to minimize the environmental impact of our packaging by selecting sustainable materials, reducing the packaging size, reducing the volume of material we use, and considering what happens to the package when it is no longer needed.

Our packaging contains no hazardous or restricted substances, and is fully compliant with the EU directive 2013/2/EU.

Recycling

Always return your used electronic products, batteries, and packaging materials to a dedicated recycling collection point. This way you help prevent uncontrolled waste disposal and promote the recycling of materials.

- All mechanical parts as well as packaging materials have been marked where practically possible. Plastic parts are marked in accordance with ISO 11469 and ISO 1043-1 to -4 standards.
- This product and its battery have been marked with the crossed-over wastebasket symbol (WEEE Directive) to signify that they must not be disposed of with regular household waste and need to be taken instead to an appropriate collection point.

Sales package content and product features might vary depending on region and product variant.

¹Weight might vary depending on e.g. product variant ²The measured values are dependent on several factors, e.g. measurement environment, frequency and operator network settings. The measurements are made @ 1800 MHz according to reference document: GSM Association Official Document: DG.09, 'Battery Life Measurement Technique' <http://www.gsma.com/newsroom/technical-documents/>

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