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## Environmental Profile

# Nokia 105 4G (2023)



## Mobile device

Weight (DS): 93grams (including battery)

Weight (SS): 92.5grams (including battery)

Dimensions: Height 121.5 mm x Width 50 mm x Thickness 14.4 mm

Volume: 87.48 (cm<sup>3</sup>)

## Package

Weight1(Net): 85 grams (with charger EU)

Dimensions: Length: 126mm x Width: 124mm x Height: 32mm

Volume: 499.968 (cm<sup>3</sup>)

Material: Corrugated G-flute, 250g/100g fluting recycled white bottom liner

## Environmental Features

### Materials and substances

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

### Packaging

- Made of renewable material
- Contains up to 89.47% recycled material
- Packaging is 100% recyclable
- Minimized package

### Recycling

- All materials of the device can be recovered as materials, and the recoverability rate of device material is up to 89.47%.

### User guide

-One colour printing

### Energy efficiency

- Charger fulfill EU VI standard

## 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.

- Metals :E.g. stainless steel, copper, zinc, aluminium. Ourproducts contain ~0.1-0.2% precious metals. (10%)
- Ceramic materials: Glass, other ceramics. (15%)
- Plastics: E.g. ABS/PC, PET, PA, epoxy. (39%)
- Battery: E.g. lithium cobalt compound, graphite, aluminium, copper. (31%)
- Other: Non-metals such as silicon. Other materials such as glues. (5%)

## 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
- "Management Methods on the Prevention and Control of Pollution caused by Electronic Information Products" commonly known as "China RoHS"
- European REACH Regulation 1907/2006/EC
- The Montreal Protocol on Substances That Deplete the Ozone Layer

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 <sup>2</sup>

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 278/2009 and EU Code of Conduct on Energy Efficiency of external power supplies

Energy consumption Call (GSM): 790 mW Call (WCDMA): 1820 mW Call (VoLTE): 2083 mW Idle mode (DS): 8.8 mW

Battery capacity: BL-L5H 1450 mAh Battery weight: 29 grams

Charger Manufacturer/Producer: Baijunda Aohai Model (EU): AC-18E

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: 69.03 % Efficiency at low load (10 %): 59.9 % Charger no-load power consumption: 0.075 W Charger weight (EU): 35 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.

<sup>1</sup> Weight might vary depending on e.g. product variant.

<sup>2</sup> The 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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