



Product Carbon Footprint

Samsung has recently performed the carbon footprint of products to better understand potential environmental impacts may caused from the product through its whole life cycle including ; pre-manufacturing; product manufacturing; distribution; product use; and disposal phase. The assessment has been completed in accordance with ISO 14067 - Greenhouse gases - Carbon footprint of products - Requirements and guidelines for quantification.

| | |
|---|-------------------------|
| Product category | Monitor |
| Model name | LS27A800UJPXEN |
| Product features | ⊙ Screen Size : 27 Inch |
| | ⊙ Net Weight : 8.4 kg |
| Life time | 4 years |
| Amount of electricity consumed in the use phase | 26.1 W |
| Carbon footprint Evaluation Methodology | ISO 14067 |

Carbon footprint Results

| Product Phase | Emissions per f.u (kg CO ₂ e/f.u) |
|-----------------------|--|
| Pre manufacturing | 165,5 |
| Product Manufacturing | 0,4 |
| Distribution | 1,8 |
| Use | 125,8 |
| Disposal | 1,7 |
| Total | 295,2 |

※ Usage Scenario : 40% on mode, 5% sleep mode, 55% off mode, 4 years

※ Electricity Carbon Emission Factor : European Union (IEA2022)

※ CO₂ Emission results may vary from region and time of evaluation.

SAMSUNG Electronics

129, Samsung-ro, Yeongtong-gu, Suwon-si, Gyeonggi-do, 16677, Korea