

BT9925

Portrait mount for LG 110UM5J-B UHD display

This product is made from the following materials:



Steel	90.9%
Aluminium	7.7%
Acrylonitrile Butadiene Styrene (ABS)	0.6%
Polyamide (PA)	0.4%
Stainless steel	0.3%
Polyoxymethylene (POM)	0.1%



B-Tech AV Mounts is dedicated to making sustainable product choices that prioritise recyclability. We are committed to investing in a circular economy, where sustainability is central to every aspect of our operations. Embracing a sustainable approach is crucial in our efforts to combat global climate change.

Environmental footprint

Greenhouse gasses emitted into the environment during production of a product contribute directly to our planet's global warming. Using LCA software we are able to calculate the (potential) environmental footprint, measured in kilograms CO₂-equivalent. This enables us to evaluate a product's footprint and support the design of sustainable products. By recycling our products the impact on the environment can be reduced as the recycled material replace the need to produce virgin materials.

<<PRODUCTCODE>>							
	Steel	Aluminium	Acrylonitrile	Polyamide (PA)	Stainless steel	Polyoxymeth-	Total
Material weight (g)	32429.7	2735.3	198.9	147.0	118.2	27.8	35657
Kilograms CO₂ equivalent							
When not recycled	119.4	78.2	1.6	1.2	0.9	0.1	201.4
When recycled	72.8	46.1	1.5	1.2	0.7	0.1	39.00
Total recycling reduction							39%

Emitted carbon dioxide

To illustrate the impact of one kilogram of carbon dioxide, we've converted it into the equivalent distance a car would travel in kilometers.



with recycling	without recycling
122.51 CO ²	201.37 CO ²
371.20 KM	610.20 KM

*8 litres of petrol per 100 km²

Sources: ¹ Mobius Ecochain - Ecoinvent v3.6, ² According to EN15804+A2, ³ Foundation myclimate; based on 8 litres of petrol per 100 km