

# 390ml / 12oz (90mm) Black Double Wall BioCup

Product: 390ml / 12oz (90mm) Black Double Wall BioCup

SKU: BC-12DWB

URL: <https://www.sipandpak.com.au/product/390ml-12oz-90mm-black-double-wall-biocup/>

## BioPak specification

|                        |                                                                                                                                                                                                                                                                                  |
|------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Unit weight (g)        | 17.3                                                                                                                                                                                                                                                                             |
| Packaging type         | Cup                                                                                                                                                                                                                                                                              |
| Raw material           | Paper - FSC(TM) Mix certified paper - Aqueous lining/coating                                                                                                                                                                                                                     |
| Lining                 | Aqueous                                                                                                                                                                                                                                                                          |
| Home compostable       | Certified to AS5810 Australian standards, Certified to NF T51-800 European standards                                                                                                                                                                                             |
| Industrial compostable | Certified to EN13432 European Standards                                                                                                                                                                                                                                          |
| Recyclable             | Not Recyclable                                                                                                                                                                                                                                                                   |
| Certifications         | Home compostable: Certified to AS5810 Australian standards, Certified to NF T51-800 European standards · Industrially compostable: Certified to EN13432 European Standards · Environmental production certified: ISO 14001 · Factory food safety certified: BRC · FSC (material) |
| PFAS                   | Not applicable                                                                                                                                                                                                                                                                   |

## Impact estimate (500 units/week x 52 weeks)

|                                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|----------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Annual units                           | 26,000                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Format benchmark                       | 12oz double-wall cup (conventional PE-lined benchmark)                                                                                                                                                                                                                                                                                                                                                                                                           |
| Industry benchmark                     | 12oz double-wall cup (conventional PE-lined benchmark)                                                                                                                                                                                                                                                                                                                                                                                                           |
| Sustainable unit mass (g)              | 17.3                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Conventional unit mass (g)             | 18.0                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Fossil polymer saved (kg/year)         | 31.20                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Mass saved (kg/year)                   | 18.20                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Polymer reduction (%)                  | 100.0                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Mass reduction (%)                     | 3.9                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Conventional packaging total (kg/year) | 468.00                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Sustainable packaging total (kg/year)  | 449.80                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Confidence                             | High                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Data source                            | sku                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Sustainability highlights              | Paper - FSC(TM) Mix certified paper - Aqueous lining/coating; Certified to AS5810 Australian standards, Certified to NF T51-800 European standards; Home compostable: Certified to AS5810 Australian standards, Certified to NF T51-800 European standards · Industrially compostable: Certified to EN13432 European Standards · Environmental production certified: ISO 14001 · Factory food safety certified: BRC · FSC (material); Recyclable: Not Recyclable |

## Methodology

Equivalent Format Comparison (EFC): BioPak specification unit mass vs industry conventional packaging mass for the matched format, plus fossil polymer estimate using typical PE/PS/PP fractions. SKU BC-12DWB weight from BioPak specifications. Indicative estimate only - not a certified life-cycle assessment (ISO 14040/14044). Compares BioPak published unit masses to conventional equivalent-format benchmarks used in Australian foodservice (PE-lined cups, PP clamshells, PS lids). For procurement reporting, request substantiated SKU documentation from Sip and Pak. Typically within  $\pm 15\%$  for fossil polymer estimate when a BioPak SKU and format benchmark both match.