

**Supplementary Table 5.** Plastic materials used in food delivery containers and bisphenol use

| Type  | Proportion in disposable delivery plastic | Typical use in food containers                              | Bisphenol use       | Korean regulation of bisphenols <sup>b</sup> |
|-------|-------------------------------------------|-------------------------------------------------------------|---------------------|----------------------------------------------|
| PP    | 66.07% <sup>a</sup>                       | Container for high-temperature or acidic foods (e.g., soup) | No                  | None                                         |
| PET   | 15.41% <sup>a</sup>                       | Container for low-temperature foods (e.g., sushi)           | No                  | None                                         |
| PS    | 9.81% <sup>a</sup>                        | Small, fragile items (e.g., coffee cup lids, sauce cups)    | No                  | None                                         |
| PE    | 8.72% <sup>a</sup>                        | Disposable wrap/film                                        | No                  | None                                         |
| PC    | Rare                                      | Reusable water bottle                                       | Yes                 | BPA                                          |
| Epoxy | Rare                                      | Canned foods, canned beverages                              | Yes                 | BPA, BADGE, BFDGE                            |
| PVC   | Banned since Dec 2019                     | Disposable wrap/film                                        | Used as an additive | Banned                                       |
| MF    | Rare                                      | Reusable delivery tray/plate                                | No                  | None                                         |

PP: polypropylene; PET: polyethylene terephthalate; PS: polystyrene; PE: polyethylene; PC: polycarbonate; BPA: bisphenol A; BPADG: bisphenol A diglycidyl ether; BPF: bisphenol F; PVC: polyvinyl chloride; MF: melamine-formaldehyde resin.

<sup>a</sup>Data were based on Jang et al. Waste Manag 2023;156:177-86 [1]; <sup>b</sup>Data were based on the Standards and Specifications for Utensils, Containers and Packages (June 2024) [2].

## REFERENCES

1. Jang Y, Nam Kim K, Woo J. Post-consumer plastic packaging waste from online food delivery services in South Korea. Waste Manag 2023;156:177-86.
2. Ministry of Food and Drug Safety. *Standards and specifications for utensils, containers and packages (MFDS Notification No. 2024-29)*. Cheongju, Korea: Ministry of Food and Drug Safety; 2024.