



Brussels, April 25th, 2025

The Technical Committee of the European PET Bottle Platform (EPBP) was requested to assess the effect of **Plastipak's Diptube – SprayPET Revolution** and **Bag in Bottle – SprayPET Revolution BIB, base cup free** on the quality of recycled PET. The application refers to an aerosol container with a PET main body and the ancillary parts (i.e. actuator, valve and dip tube) made with polymers other than PET having density less than 1 g/cm³ in order to allow separation by flotation during the recycling process. The evaluation has been carried out on completely empty, unprinted and unlabeled containers. Lab tests carried out according to the EPBP test protocol have shown high removal efficiency of the non-PET components by flotation and consequently no impact on recycled PET quality.

Based on the EPBP assessment's outcome, the European PET Bottle Platform (EPBP) concludes that **Plastipak's Diptube – SprayPET Revolution** and **Bag in Bottle – SprayPET Revolution BIB, base cup free** containers will not have a negative impact on current European PET Recycling provided that the following conditions are met:

- The labelling system that will be used will follow EPBP design guidelines;
- The market penetration of aerosol containers will remain limited to a maximum of 5%.
- PET bottles will follow EPBP Design for Recycling Guidelines.

The assessment has been carried out on empty containers, that had not been previously filled with product. Considering the great variation of possible aerosol contents, the EPBP Technical Committee is not in the position to assess the impact of residual contents on the collection, sorting and recycling operations and on the recycled PET final quality and suitability for food contact applications after mechanical recycling.

The EPBP reserves the right to update and change the conditions of this technical opinion at any time, upon prior notice to Plastipak in accordance to the most recent technologies, assessments and experience.

The European PET Bottle Platform EPBP is an industry initiative that provides PET bottle design guidelines for recycling, evaluates PET bottle packaging solutions and technologies and facilitates understanding of the effects of new PET bottle innovations on recycling processes. This initiative fully supports the economic and environmental sustainability of the European PET value chain.