



Brussels, February 9<sup>th</sup>, 2026

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The Technical Committee of the European PET Bottle Platform (“EPBP”) was requested to evaluate the effects of LightGuard 400, supplied by Holland Colours (the “Additive”), on the quality and performance of European recycled PET bottle streams.

The evaluation was carried out in accordance with the applicable EPBP test protocols and the EPBP Design Guidelines for Recyclability. The application relates to the use of a UV-absorbing additive in PET bottles.

On the basis of the results of the assessment conducted by EPBP and taking into account current market knowledge and operational experience, EPBP concludes that the use of the Additive does not adversely affect existing European PET bottle recycling streams, provided that the Additive is used strictly in compliance with the conditions set out below.

EPBP hereby confirms that LightGuard 400, supplied by Holland Colours, is considered compatible with current European PET bottle recycling streams subject to the following cumulative conditions:

- A maximum Let-Down Rate (LDR) of 0.17% by weight.
- A maximum market penetration of 5% of the clear PET bottle recycling stream.
- A maximum market penetration of 10% of the coloured PET bottle recycling stream.

For the purposes of this technical opinion, the stated market penetration percentages refer to the aggregate weight of UV-barrier PET bottles placed on the European Union market.

On the basis of the foregoing and subject to full compliance with the conditions specified herein, EPBP grants an endorsement for the use of LightGuard 400, supplied by Holland Colours.

EPBP shall continue to monitor the impact of the Additive on European PET recycling streams. All substances used in the relevant formulations must, always, comply with Commission Regulation (EU) No 10/2011 on plastic materials and articles intended to come into contact with food, including all subsequent amendments. Any recycled PET (rPET) used must comply with all applicable EU legislation, including Commission Regulation (EU) 2022/1616, as well as any applicable national or local legislation.

EPBP reserves the right, upon prior notice to Holland Colours, to review, amend, suspend, or withdraw this technical opinion and the associated conditions at any time, considering technological developments, updated assessments, regulatory changes, or operational experience.



*The **European PET Bottle Platform (EPBP)** is an industry initiative that develops and maintains PET bottle design guidelines for recycling and circularity, evaluates packaging solutions and technologies, and facilitates understanding of the effects of PET bottle innovations on single and multiple recycling processes. EPBP supports the economic and environmental sustainability of the European PET value chain.*