



Brussels, December 2nd, 2024

The Technical Committee of the European PET Bottle Platform (EPBP) was requested to assess the effect of Eastman resin variants that are listed below:

- Eastman Cristal™ one IM812
- Eastman Cristal™ one IM812 Renew-25
- Eastman Cristal™ one IM812 Renew-30
- Eastman Cristal™ one IM812 Renew-50
- Eastman Cristal™ one IM812 Renew-100

The application refers to resins that are modified copolyesters with a lower crystallisation rate than standard PET and used in applications for which standard PET shows high crystallisation.

Independent testing has been done in EPBP accredited lab following the EPBP test protocols. The results have shown no negative effects on the recycling process and recyclate quality, confirming compatibility with the PET recycling process in Europe.

Based on the outcome of the testing, its assessments and current market knowledge, the European PET Bottle Platform (EPBP) concludes that:

Eastman Cristal™ One IM812 Eastman Cristal™ One IM812 Renew variants resins have been awarded an endorsement for a market penetration up to 5%.

The 5% refers to the total market penetration of lower crystallization rate resins

EPBP will continue to monitor any effect of the resins listed above on EU recycling streams. All ingredients used in these formulations must be compliant with Commission Regulation (EU) No 10/2011 and its subsequent amendments and any rPET used must comply with applicable EU legislation (e.g. Commission Regulation (EU) 2022/1616) as well as (where required) local legislation.

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

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

European PET Bottle Platform Technical Opinion

Eastman Cristal™ One IM812
Eastman Cristal™ One IM812 Renew variants