

FoodLoop30

DESCRIPTION

FoodLoop30 is an all PE-film containing 30% post-consumer recycled material intended for use in the non-fat and frozen food application area.

PE-feedstock comes from industrial waste within Europe fulfilling REACH legislation. The pre-processing consists of the waste being sorted, washed, extruded and degassed at a facility fulfilling ISO 9000 and 14000 as well as EUCertPlast certification ensuring traceability and quality control within the production. PCR-granules are produced in 10ton batches which are chemically analysed according to REACH and PoP-legislation.

The decontamination process consists of a combination of film extrusion and barrier properties. The PE-film is produced in a 5-layer blown extrusion process where the PCR is distributed in the core layer. The outer layers consist of a **functional barrier**. Each 5-ton produced finished product is tested with migration analysis according to EU10/2011, OML to simulant A, B and E. SML and NIAS-screening to simulant A, B and E under OM2 conditions.

The food application area for this product is non-fat frozen food and a storage time of maximum 12 months. Dethawing or heating in package is not recommended.

Production 2022

Date	Production order	Granule test	Migration analysis
2022-01-06	655727	O100182-159738	10238/22/GDY 10239/22/GDY 10240/22/GDY
2022-09-28	660217	O100560-114315	461885/22/WAW 461886/22/WAW/1

Results from testing shows full compliance to EU10/2011.

The above-named film is in compliance with:

- Regulation (EU) 1935/2004
- Directive 94/62/EC and its subsequent amendments up to and including (EU) 2018/852
- Regulation (EU) 10/2011 and its subsequent amendments up to and including (EU) 2020/1245
- Regulation (EU) 2023/2006 (GMP) based on the assessment of Trioworld's production process using ISO 9001 and FSSC 22000 systems