

CERTIFICATE

Recycling Compatibility of Packaging Material

BASF SE

Carl-Bosch-Strasse 38

D-67056 Ludwigshafen am Rhein, Germany

The company receives the certification of recycling compatibility for the following plastic material.

Designation

Polyamide 6 (PA6)

as layer in coextruded PE films, based on LDPE and/or LLDPE;
in combination with ≥ 0.5 g per g PA of maleic anhydride-grafted PE as tie layer specified for PA/PE
tested with $\leq 5\%$ by weight of PA6 in a PCR LDPE recycle

Test result

Assessment via path/specification: Path 1: Plastic films / LDPE

Recyclate (final product): LDPE Regranulate

Test standard / scope of application:

- Requirements and assessment catalogue of the institute cyclos-HTP for EU-wide certification (state 07.10.2019) / Scope of validity according to nation states, see chapter 1
- DIN EN 13430 with regard to material recyclability in the post-use phase; also integrated

The following reference processes, materials and applications are taken into consideration within the certification process:

- Detection as flexible PE packaging in state-of-the-art sorting plants
- Recyclate use for injection moulding and blown film applications
- Test program based on CHI test protocol CHI-C8-PEF-1/2.0 with the use of PCR-based LDPE recyclate as reference

According to the CHI standard the plastic material is no contaminant in the tested application and in the above-mentioned material combination and can be considered as:


Recycling Compatible for PE Film Recycling

(AT, DE, ES, FR, IT, NL, NO)

This certificate (No. 2187-2021-002124) is valid until the **31.05.2022** (1 year upon issue) relating to the countries identified in the assessment report. This certificate will lose validity in case of qualitative or quantitative changes of packaging components.

Aachen, dated 17.05.2021


Dr. Joachim Christiani
Publicly appointed and sworn expert for the IHK for packaging waste disposal
Competent authority: IHK Aachen


Dr. Roland Bothor
Technical supervisor of the investigations

This certificate is only valid in conjunction with the 28 following pages of the report (No. 2187-002-2020).

Institute cyclos - HTP

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