

CERTIFICATE

Recyclability of Packaging Material Group

BASF SE

Carl-Bosch-Strasse 38

D-67056 Ludwigshafen am Rhein, Germany

The company receives the certification of recyclability for the following packaging materials.

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 recyclate

Test result

Assessment via path: Path 1: Plastic films / LDPE

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

Test standard:

- Requirements and assessment catalogue of the cyclos-HTP Institute for EU-wide certification

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 method **CHI-C8-PEF-1** with the use of PCR-based LDPE recyclate as reference.

Within the certification process, conformity with the following standards was also checked:

- DIN EN 13430 with regard to material recyclability in the post-use phase; also integrated

This certificate (No. 2187-2021-002124-W2) is valid until the **30/06/2024** (1 year upon issue).

This certificate will lose validity in case of qualitative or quantitative changes of material components.

Aachen, dated 19/06/2023

Dr. Roland Bothor

Publicly appointed and sworn expert for packaging disposal
Chamber of Industry and Commerce, Aachen

The detailed results are documented in the corresponding test report (No. 2187-002-2020).



CHI | cyclos-HTP Institute

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ANNEX

to Certificate No. 2187-2021-002124

Document history

2187-2021-002124 Certificate BASF Polyamide 6 (PA6) (date: 17/05/2021)

- Original certificate document with test report No. 2187-002-2020

2187-2021-002124-W2 Certificate BASF Polyamide 6 (PA6) (date: 19/06/2023)

- Re-certification for one further year
 - The validity of the certificate is no longer limited to countries because it refers to the basic recycling compatibility of a material component.
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CHI | cyclos-HTP Institute

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