

RECYCLING / DISPOSAL STATEMENT

Referring to materials printed with WT inks

The testing of recyclability of the Durst WT Food inks (SP and MP) was carried out in accordance with the PTS method PTS-RH 021:2021 (Draft Oct 2019) – Category I: Paper and board for Recycling (PfR).

The criteria used in the assessment of the recyclability were:

- Percentage of non-paper constituents
- Disintegratability
- Adhesive impurities
- Deinkability according to INGEDE Method 11¹

Based on the tests and analyses performed and in accordance with the criteria laid down in the PTS method described above the Durst WT Food inks are rated as recyclable with good deinkability. This result can be used as a reference value for all water-based inks supplied by Durst. Since the test result depends on the substrate itself and the amount of printing ink used, i.e. the printed area in relation to the total paper area or grammage of the paper, a similar result can be expected if the following test parameters are met:

- Paper-based base material e.g. coated paper, 350g/m²
- Total ink (ml) per substrate (m²): below 10ml ink per square meter

This test confirms that prints – when applied and used as intended – do not interfere in the recycling process in a commonly equipped European paper mill. Thus, paper products that match limits may be collected as post-consumer waste in a household recovered bin and may end up in recovered grades.

Note I: Disposal of prints according to all federal, state or local applicable regulations. For further information, please contact your local waste authority.

¹ Assessment of deinkability

- Examination of the print samples according to INGEDE Method 11: "Evaluation of Recyclability of Printed Products - Testing of Deinkability" – Version: January 2018 (www.ingede.com)
- Evaluation using the Deinkability Scorecard EPRC 2018: Assessment of Printed Product Recyclability - Deinkability Score – Version: LabResult Version 3.3.9 (Sep 2018)
- The test evaluates whether the printing inks can be removed by flotation.

Note II: In the waste paper stock preparation for the packaging flow, no deinking to separate printing inks takes place (no flotation, no brown fibers allowed in the deinking flow). The testing was carried out to prove that the deinkability of the Durst WT Food inks would be possible in principle.

We stay at your disposal for any further questions.

Best regards,

A handwritten signature in blue ink, appearing to read "S. Kappaun", with a stylized flourish at the end.

Dr. Stefan Kappaun, MBA
Executive Vice President Inks and Fluids
Durst Group