

TAKING RECYCLING TO THE NEXT LEVEL



With Siegwerk's deinking and delamination primertechnology

There is increased awareness of the need to recycle packaging, creating the necessary materials to create new packaging. However, current recycle quality is typically poor.

This is due to the unpleasant visual appearance or odor of different types of recyclates after extrusion, which can be related to ink degrading and remaining in therecyclates. This unfortunately results in downcycling.

Siegwerk's deinking and delamination technology enables the creation of high-quality recyclates. The deinking and delamination primer create a printable layer sensitive to an industrial washing process. Inks and coatings are removed quickly and effectively, leaving clean separated plastic layers.

This technology is perfectly suitable for improving PE laminates. Packaging specifications can remain unchanged whilst becoming more sustainable.

Most importantly, use of the deinking and delamination technology aids in achieving 100% recyclability, an essential component in enabling the Circular Economy.

THESE REMAINING HIGH QUALITY RECYCLATES CAN BE USED IN NEW PACKAGING MATERIALS.

