



StoraEnso

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**Stora Enso  
Oulu Mill**

**Customer Information on Recyclability of fiber-based Packaging Products according to Laboratory Test Method Paper and Board – Recyclability Laboratory Test Method – Part I – Recycling mill with Conventional process issued by Cepi and the Fiber-based packaging recyclability evaluation protocol, Part I – Recycling Mill with conventional process issued by 4evergreen**

For the purpose of achieving recyclability, Stora Enso constantly analyses its own products against the laboratory test method and the corresponding evaluation protocol described below in detail.

The Paper and Board – Recyclability Laboratory Test Method – Part I – Recycling mill with Conventional process, Version 3, February 2025, issued by Cepi and the 4evergreen fiber-based packaging recyclability evaluation protocol, Version 1, January 2025 allows for determining the technical recyclability of fiber-based packaging materials and products on a laboratory scale, mimicking the most relevant process stages of industrial papermaking based on paper for recycling to produce new paper and board. The laboratory test method has been developed by Cepi to enable the fiber-based packaging value chain to determine whether a certain paper and board packaging could be considered as technically recyclable in a recycling mill with conventional process in a harmonized way. The 4evergreen alliance has developed an evaluation protocol which is used to translate the test results into a recyclability score. In addition, the test method and evaluation protocol aim to encourage design for recycling and provide a quantitative reference on the recyclability level to guide the development of paper and board products, considering the recyclability needs. Lastly, the method can be a useful tool to support, through specific laboratory tests, the communication of companies aimed at declaring, voluntarily, the recyclability of their paper and board products.

Paper and board, and the fiber-based packaging products made with them, are considered recyclable in a paper recycling mill with conventional process if, upon recycling, their design and construction lead to the effective and efficient production (from a technological and economic point of view using the most widely used current papermaking technologies) of a new sheet of paper or board of quality that suites the needs of the market.

Any fiber-based packaging assessed as “not technically recyclable in a recycling mill with conventional process.

Potentially recyclable in mills with other recycling process types.” (i.e. Evaluation Protocol Part I) can potentially be recycled in flotation-deinking mills (Evaluation Protocol Part II), or in specialized recycling mills (UBC mills, Evaluation Protocol Part III), or even mills that have slightly adapted their process in order to recycle certain types of packaging. Thus, it does not mean that any negative

recyclability assessment of a fiber-based packaging solution using the test and evaluation protocol for a paper recycling mill with conventional process (Part I) is not recyclable at all. Test methods and evaluation protocol Part II and III have been developed by the 4evergreen alliance to address these situations.

Based on our current knowledge and recyclability testing on representative samples/grammages of the paperboard, we hereby state that the below listed paperboard grade before conversion is recyclable in a Paper Recycling Mill with conventional process according to Paper and Board – Recyclability Laboratory Test Method – Part I – Recycling mill with Conventional process (Version 3, Feb 2025) and 4evergreen evaluation protocol (Version 1, Jan 2025) and has been rated as follows:

<b>Product</b>	<b>Performa Lumi</b>
<b>Overall rating</b>	<b>Technically recyclable in a recycling mill with conventional process</b>

Testing standard and evaluation protocol:

Recyclability test according to Paper and Board – Recyclability Laboratory Test Method – Part I – Recycling mill with Conventional process (Version 3, Feb 2025) performed at our experienced recycling lab in Karlstad, Sweden.

Evaluated according to 4evergreen Fiber-based packaging recyclability evaluation protocol (Version 1, Jan 2025).

**Validity**

This customer information is valid until the publishing of Version 2 of the Recyclability Evaluation Protocol by 4evergreen and at least 6 months after issue date.

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