



FOOD & BEVERAGE PACKAGING

REPLACING PLASTIC READY-TO-EAT FOOD TRAYS WITH FIBRE-BASED ALTERNATIVES FROM WELL-MANAGED NORDIC FORESTS FOR A SUSTAINABLE FUTURE.

Rottneros Packaging's invention is to use CTMP pulp from well-managed Nordic forests to form smooth, strong, lightweight, microwavable food trays and apply a thin layer of plastic to meet the barrier requirements for ready-to-eat food with an extended shelf life. The plastic content is 10% of the entire packaging weight, meeting the new packaging and waste directive requirements from the European Union (PPDW). Further, the product can easily be separated since we have applied a peel-tab in the design so the consumer can separate the fibre tray from the plastic liner for successful material sorting and later recovery. The smooth surface of the tray, coming from the CTMP pulp and the thermoforming technology used, gives an excellent surface to print on making the package's need for a label less while still being able to communicate the needed information to the consumer.

With this invention we can reduce the amount of plastics used.



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